

Converting Colors

YUV(231.5160, 0.7316, -1.3295)

Have a look what the booklet for
YUV(231.5160, 0.7316, -1.3295)
contains.

YUV(231.5160, 0.7316, -1.3295)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**YUV(231.5160, 0.7316,
-1.3295)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E8E9
RGB	230, 232, 233
RGB Percent	90%, 91%, 91%
CMY	0.0980, 0.0902, 0.0863
CMYK	0.01, 0.00, 0.00, 0.09
HSL	200°, 6%, 91%
HSV	200°, 1%, 91%
XYZ	76.1977, 80.4194, 88.5972
YIQ	231.5160, -1.5130, -0.1130

Conversions

Conversions Part 2

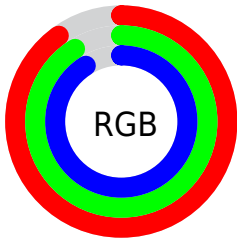
Format	Color
R _Y B	230, 231, 233
Decimal	15132905
CIE Lab	91.87, -0.48, -0.73
CIE LCh	92, 0.875, 236.423
Yxy	80.4194, 0.3107, 0.3280
Android (android.graphics.Color)	4293322985 (0xFFE6E8E9)
YUV	231.5160, 0.7316, -1.3295
Hunter-Lab	89.6769, -5.2645, 4.1976

Details

The YUV color $231.5160, 0.7316, -1.3295$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $231.4840, -0.7316, 1.3295$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.8150, 0.5842, -0.7148$ is the 20% darker color. If you saturate the color by 10%, you get $219.9430, 6.4371, -11.3510$, and if you desaturate by 10%, it is $243.0890, -4.9739, 8.6919$.

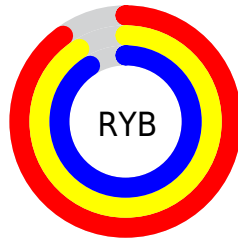
Distribution



Red (90%)

Green (91%)

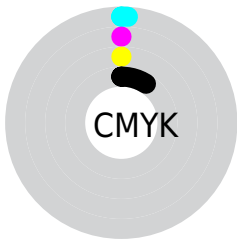
Blue (91%)



Red (90%)

Yellow (91%)

Blue (91%)

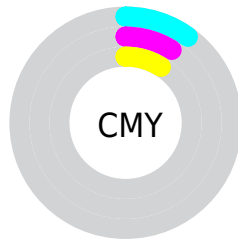


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (9%)



Cyan (10%)

Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.5160, 0.7316, -1.3295 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 231.5160, 0.7316, -1.3295 by changing the saturation by 10% instead.

■ 231.5160, 0.7316,
-1.3295

■ 231.5160, 0.7316,
-1.3295

255.0000, 0.0000,
0.0000

■ 203.5160, 0.7316,
-1.3295

■ 175.8150, 0.5842,
-0.7148

■ 149.5160, 0.7316,
-1.3295

■ 123.5160, 0.7316,
-1.3295

■ 98.5160, 0.7316,
-1.3295

■ 74.8150, 0.5842,
-0.7148

■ 52.4020, 0.2948,

-1.2296

■ 30.8150, 0.5842,
-0.7148

■ 6.6300, 1.1684,
-1.4295

■ 231.5160, 0.7316,
-1.3295

■ 231.5160, 0.7316,
-1.3295

■ 219.9430, 6.4371,
-11.3510

■ 243.0890, -4.9739,
8.6919

■ 208.0710, 12.2900,
-21.9873

■ 248.3830, -7.5838,
5.8031

■ 197.0850, 17.7061,
-32.5235

■ 252.4920, -9.6096,
2.1995

■ 185.5120, 23.4116,
-42.5450

■ 173.9390, 29.1171,
-52.5665

■ 162.0670, 34.9700,
-63.2028

■ 151.0810, 40.3861,
-73.7390

■ 139.5080, 46.0916,
-83.7605

■ 127.6360, 51.9445,
-94.3968

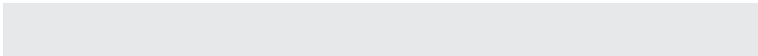
Harmonies

Analogous

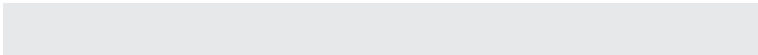
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.4020, 0.2948, -1.2296



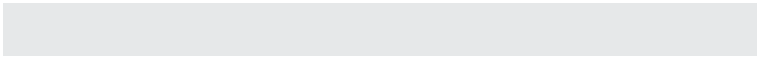
231.5160, 0.7316, -1.3295



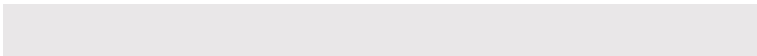
231.8150, 0.5842, -0.7148

Triad

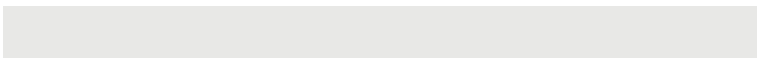
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.5160, 0.7316, -1.3295



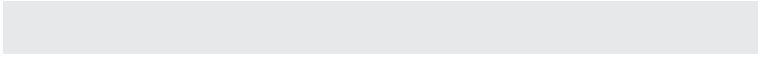
231.7120, 0.1420, 1.1296



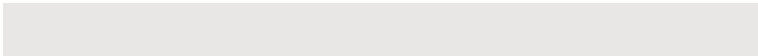
231.7720, -0.8736, 0.2000

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



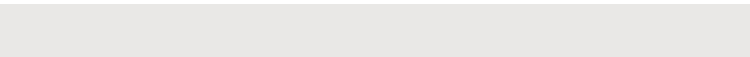
231.5160, 0.7316, -1.3295



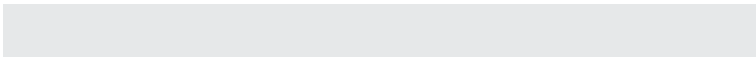
231.4840, -0.7316, 1.3295

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.0710, -1.0210, 0.8147



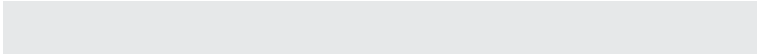
231.5160, 0.7316, -1.3295



231.8970, -0.4422, 1.8443

Square

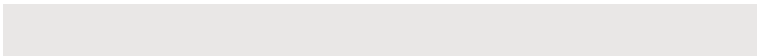
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



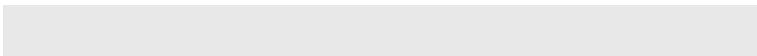
231.5160, 0.7316, -1.3295



231.8260, 0.5788, 1.0296



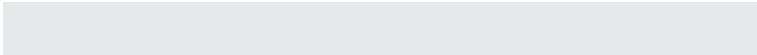
231.4840, -0.7316, 1.3295



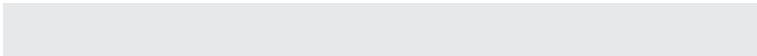
231.5870, -0.2894, -0.5148

Rectangle

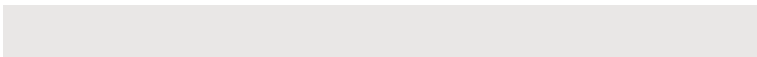
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



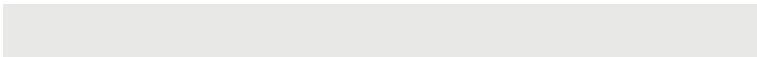
231.5160, 0.7316, -1.3295



231.8150, 0.5842, -0.7148



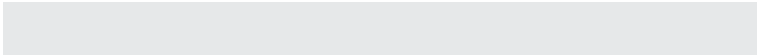
231.4840, -0.7316, 1.3295



231.7720, -0.8736, 0.2000

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



231.5160, 0.7316, -1.3295

255.0000, 0.0000, 0.0000



231.8750, -0.4314, -1.6444



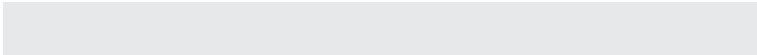
128.0000, 0.0000, 0.0000



0.0000, 0.0000, 0.0000

Same Dimension

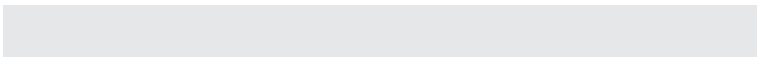
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.5160, 0.7316, -1.3295



252.3310, 1.3158, -2.0443



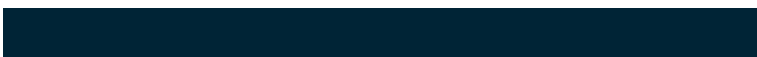
230.9290, 1.0210, -0.8147



116.4020, 0.2948, -1.2296



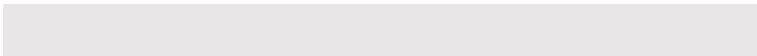
91.6610, 44.0441, -80.3867



27.2880, 13.1690, -23.9316

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



231.1250, 0.4314, 1.6444



251.8370, 0.5734, 2.7740



232.6580, -1.3104, 0.2999



115.8260, 0.5788, 1.0296



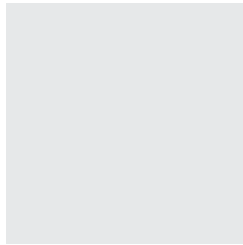
67.9130, 26.1719, 99.1773



20.2500, 7.7648, 29.5987

Previews

White Background



This preview shows how the YUV color 231.5160, 0.7316, -1.3295 looks on a white background.

Color Contrast Check

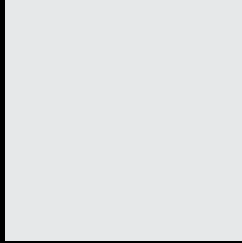
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 231.5160, 0.7316, -1.3295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

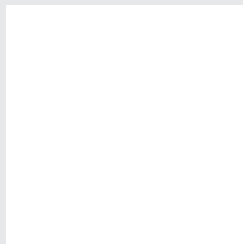
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 231.5160, 0.7316, -1.3295

Background



This preview shows how black text looks on a background with the YUV color 231.5160, 0.7316, -1.3295.



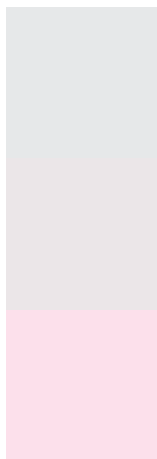
This preview shows how white text looks on a background with the YUV color 231.5160, 0.7316,

-1.3295.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

231.5160, 0.7316, -1.3295

Protanopia

231.7230, 0.1366, 2.8739

Deuteranopia

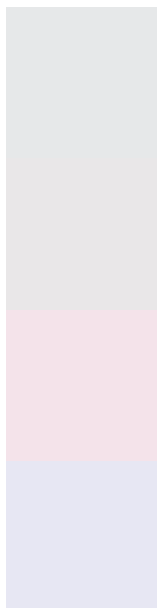
233.6260, 0.6774, 16.1140



Tritanopia

232.6500, 7.5676, -0.5700

Trichromacy



Original Color

231.5160, 0.7316, -1.3295

Protanomaly

231.7120, 0.1420, 1.1296

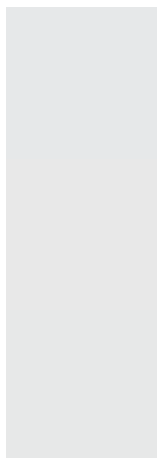
Deuteranomaly

232.8810, 0.5517, 9.7514

Tritanomaly

232.3680, 5.2416, -1.1997

Monochromacy



Original Color

231.5160, 0.7316, -1.3295

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

231.7010, 0.1474, -0.6148

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.5160, 0.7316, -1.3295 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(230, 232, 233)` looks like.

```
.text, #text, p{  
    color:rgb(230, 232, 233)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(230, 232, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 232, 233) }
```

Border

The CSS property to change the border of an element to YUV 231.5160, 0.7316, -1.3295 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 232, 233) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(230, 232, 233) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(230, 232, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 232, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 232, 233);  
box-shadow:4px 4px 4px 4px rgb(230, 232,  
233) }
```


Background

The CSS property to change the background color of an element to YUV 231.5160, 0.7316, -1.3295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 232, 233) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(230,  
232, 233) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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