

Converting Colors

YUV(230.2060, 0.8844, -3.6887)

Have a look what the booklet for
YUV(230.2060, 0.8844, -3.6887)
contains.

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Color

**YUV(230.2060, 0.8844,
-3.6887)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E8E8
RGB	226, 232, 232
RGB Percent	89%, 91%, 91%
CMY	0.1137, 0.0902, 0.0902
CMYK	0.03, 0.00, 0.00, 0.09
HSL	180°, 12%, 90%
HSV	180°, 3%, 91%
XYZ	74.7861, 79.7082, 87.7875
YIQ	230.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

Format	Color
R_{YB}	226, 229, 232
Decimal	14870760
CIE _{Lab}	91.55, -2.00, -0.71
CIE _{LCh}	92, 2.118, 199.552
Yxy	79.7082, 0.3087, 0.3290
Android (android.graphics.Color)	4293060840 (0xFFE2E8E8)
YUV	230.2060, 0.8844, -3.6887
Hunter-Lab	89.2794, -6.7161, 4.1964

Details

The YUV color $230.2060, 0.8844, -3.6887$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $227.7940, -0.8844, 3.6887$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $174.5050, 0.7370, -3.0739$ is the 20% darker color. If you saturate the color by 10%, you get $223.3290, 4.2748, -17.8285$, and if you desaturate by 10%, it is $237.0830, -2.5059, 10.4512$.

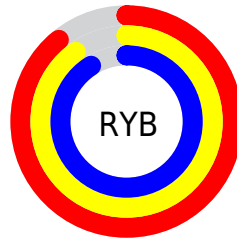
Distribution



Red (89%)

Green (91%)

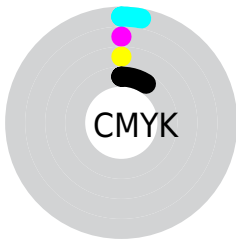
Blue (91%)



Red (89%)

Yellow (90%)

Blue (91%)

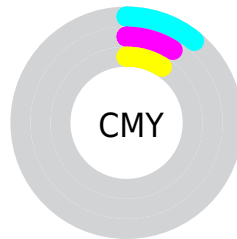


Cyan (3%)

Magenta (0%)

Yellow (0%)

Black (9%)



Cyan (11%)

Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.2060, 0.8844, -3.6887 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 230.2060, 0.8844, -3.6887 by changing the saturation by 10% instead.

■ 230.2060, 0.8844,
-3.6887

■ 230.2060, 0.8844,
-3.6887

255.0000, 0.0000,
0.0000

■ 202.2060, 0.8844,
-3.6887

■ 174.5050, 0.7370,
-3.0739

■ 148.2060, 0.8844,
-3.6887

■ 122.5050, 0.7370,
-3.0739

■ 97.5050, 0.7370,
-3.0739

■ 73.5050, 0.7370,
-3.0739

■ 51.5050, 0.7370,

-3.0739

■ 29.8040, 0.5896,
-2.4591

■ 4.9070, 1.0318,
-4.3034

■ 230.2060, 0.8844,
-3.6887

■ 230.2060, 0.8844,
-3.6887

■ 223.3290, 4.2748,
-17.8285

■ 237.0830, -2.5059,
10.4512

■ 216.4520, 7.6652,
-31.9684

■ 238.8770, -3.3904,
14.1399

■ 209.2760, 11.2029,
-46.7231

■ 202.3990, 14.5933,
-60.8629

■ 195.5220, 17.9837,
-75.0028

■ 188.6450, 21.3740,
-89.1427

■ 181.7680, 24.7644,
-103.2825

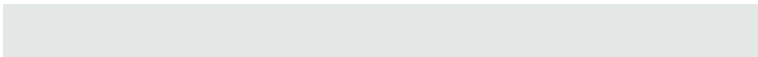
■ 174.5920, 28.3021,
-118.0372

■ 167.7150, 31.6925,
-132.1771

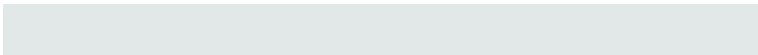
Harmonies

Analogous

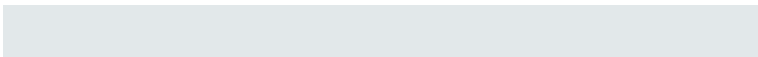
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.2770, -0.1366, -2.8739



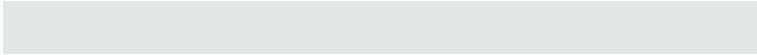
230.2060, 0.8844, -3.6887



230.4340, 1.7580, -3.8886

Triad

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



230.2060, 0.8844, -3.6887



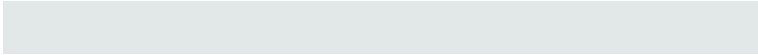
231.2390, 0.8682, 1.5444



230.5550, -1.7526, 2.1443

Complementary

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



230.2060, 0.8844, -3.6887



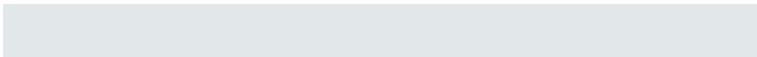
227.7940, -0.8844, 3.6887

Split Complementary

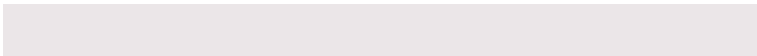
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.2670, -1.6106, 3.2738



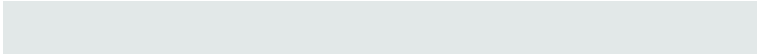
230.2060, 0.8844, -3.6887



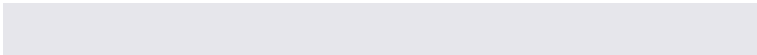
231.7230, 0.1366, 2.8739

Square

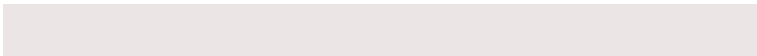
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



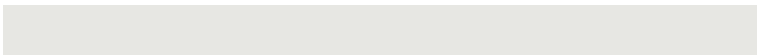
230.2060, 0.8844, -3.6887



230.5700, 2.1840, -0.4999



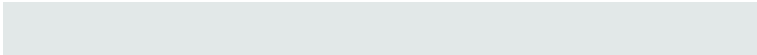
230.7940, -0.8844, 3.6887



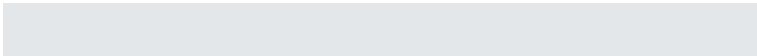
230.5440, -1.7472, 0.3999

Rectangle

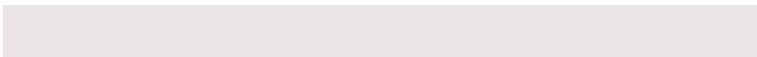
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



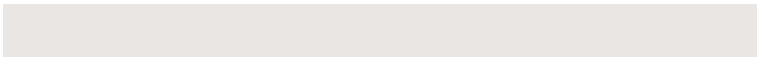
230.2060, 0.8844, -3.6887



230.1460, 1.9000, -2.7590



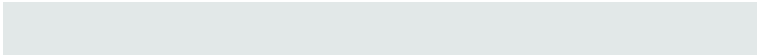
230.7940, -0.8844, 3.6887



230.8540, -1.9000, 2.7590

Sweetspot

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



230.2060, 0.8844, -3.6887



254.1030, 0.4422, -1.8443



229.5220, -1.7363, -3.0888



127.4020, 0.2948, -1.2296



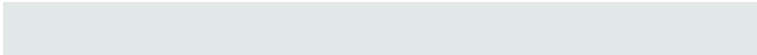
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

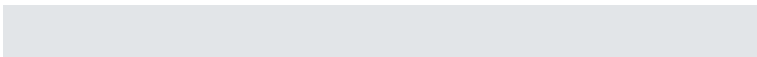
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.2060, 0.8844, -3.6887



252.6080, 1.1793, -4.9182



228.4450, 1.7526, -2.1443



113.5050, 0.7370, -3.0739



125.4790, 26.3859, -110.0451



35.7510, 7.5178, -31.3536

Inverse Universe

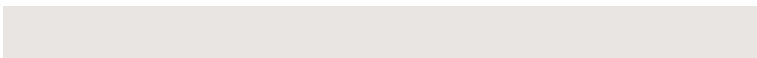
The Inverse Universe completely reimagines the original color for something new.



228.4780, 1.7363, 3.0888



250.3040, 2.3151, 4.1184



229.5550, -1.7526, 2.1443



112.0650, 1.4470, 2.5740



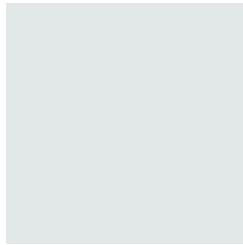
73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Previews

White Background



This preview shows how the YUV color 230.2060, 0.8844, -3.6887 looks on a white background.

Color Contrast Check

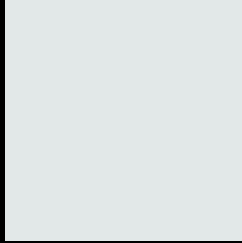
Large Text (above 18pt) WCAG AA × Fail

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 230.2060, 0.8844, -3.6887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

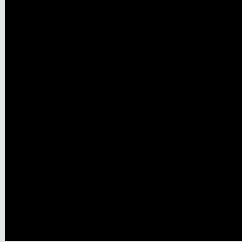
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

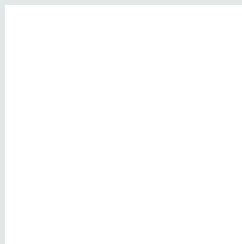
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 230.2060, 0.8844, -3.6887

Background



This preview shows how black text looks on a background with the YUV color 230.2060, 0.8844, -3.6887.



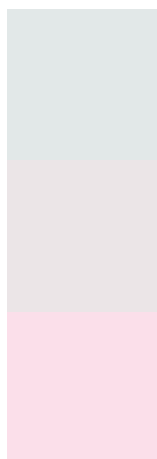
This preview shows how white text looks on a background with the YUV color 230.2060, 0.8844,

-3.6887.

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
Protanopia
Deuteranopia

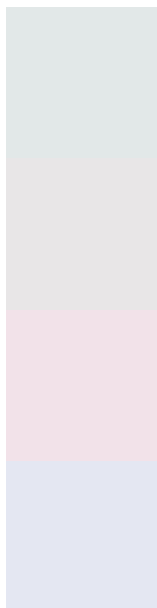
230.2060, 0.8844, -3.6887
231.0220, -0.0108, 3.4887
232.6260, 0.6774, 16.1140



Tritanopia

231.7530, 8.0098, -2.4144

Trichromacy



Original Color

230.2060, 0.8844, -3.6887

Protanomaly

230.7120, 0.1420, 1.1296

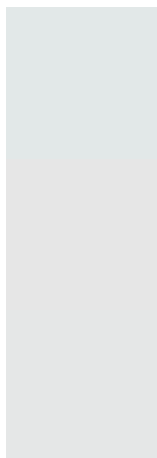
Deuteranomaly

231.5820, 0.6991, 9.1366

Tritanomaly

231.3570, 5.2470, -2.9441

Monochromacy



Original Color

230.2060, 0.8844, -3.6887

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

230.4020, 0.2948, -1.2296

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.2060, 0.8844, -3.6887 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(226, 232, 232)` looks like.

```
.text, #text, p{  
    color:rgb(226, 232, 232)  
}
```

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(226, 232, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 232, 232) }
```

Border

The CSS property to change the border of an element to YUV 230.2060, 0.8844, -3.6887 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(226, 232, 232) }
```


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

```
.border{ border-color:rgb(226, 232, 232) }
```

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

Here you see how a box with a 4 pixel rgb(226, 232, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 232, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 232, 232);  
box-shadow:4px 4px 4px 4px rgb(226, 232,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 230.2060, 0.8844, -3.6887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 232, 232) }
```

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

```
.background{ background-color: rgb(226,  
232, 232) }
```

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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