

Converting Colors

YUV(231.3550, -5.1050, 4.0737)

Have a look what the booklet for
YUV(231.3550, -5.1050, 4.0737)
contains.

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Color

**YUV(231.3550, -5.1050,
4.0737)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE7DD
RGB	236, 231, 221
RGB Percent	93%, 91%, 87%
CMY	0.0745, 0.0941, 0.1333
CMYK	0.00, 0.02, 0.06, 0.07
HSL	40°, 28%, 90%
HSV	40°, 6%, 93%
XYZ	76.2191, 80.2052, 79.8706
YIQ	231.3550, 6.1900, -2.0500

Conversions

Conversions Part 2

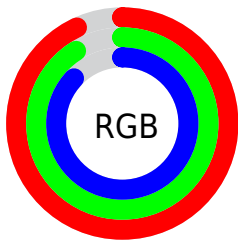
Format	Color
R _Y B	229, 236, 221
Decimal	15525853
CIE Lab	91.78, -0.03, 5.45
CIE LCh	92, 5.449, 90.288
Yxy	80.2052, 0.3226, 0.3394
Android (android.graphics.Color)	4293715933 (0xFFECE7DD)
YUV	231.3550, -5.1050, 4.0737
Hunter-Lab	89.5573, -4.8102, 9.8131

Details

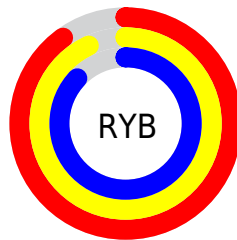
The YUV color $231.3550, -5.1050, 4.0737$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $225.6450, 5.1050, -4.0737$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.4690, -4.6682, 3.9737$ is the 20% darker color. If you saturate the color by 10%, you get $223.9230, -13.2730, 10.5915$, and if you desaturate by 10%, it is $238.7870, 3.0630, -2.4442$.

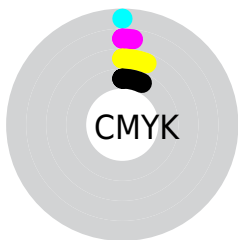
Distribution



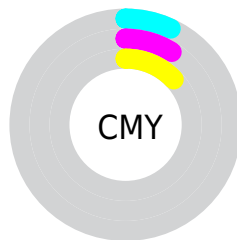
- Red (93%)
- Green (91%)
- Blue (87%)



- Red (90%)
- Yellow (93%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (7%)



- Cyan (7%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.3550, -5.1050, 4.0737 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 231.3550, -5.1050, 4.0737 by changing the saturation by 10% instead.

■ 231.3550, -5.1050,
4.0737

■ 231.3550, -5.1050,
4.0737

255.0000, 0.0000,
0.0000

■ 203.3550, -5.1050,
4.0737

■ 175.4690, -4.6682,
3.9737

■ 149.1700, -4.5208,
3.3589

■ 123.1700, -4.5208,
3.3589

■ 98.2840, -4.0840,
3.2589

■ 74.2840, -4.0840,
3.2589

■ 51.9850, -3.9366,

2.6442

■ 31.0990, -3.4998,
2.5442

■ 6.5120, -3.2104,
3.0590

■ 231.3550, -5.1050,
4.0737

■ 231.3550, -5.1050,
4.0737

■ 223.9230,
-13.2730, 10.5915

■ 238.7870, 3.0630,
-2.4442

■ 216.6050,
-21.0043, 17.0094

■ 244.6230, 5.1159,
-7.5624

■ 209.1730,
-29.1723, 23.5273

■ 249.3190, 2.8007,
-11.6808

■ 202.4420,
-37.1929, 29.4304

■ 195.0100,
-45.3609, 35.9482

■ 187.5780,
-53.5290, 42.4661

■ 180.2600,
-61.2602, 48.8840

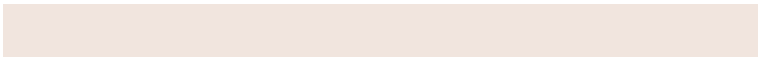
■ 172.8280,
-69.4282, 55.4018

■ 165.5100,
-77.1594, 61.8197

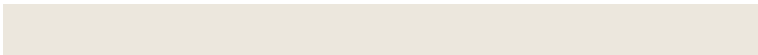
Harmonies

Analogous

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



231.7900, -4.8265, 8.0772



231.3550, -5.1050, 4.0737



230.8490, -4.3626, -0.7446

Triad

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



231.3550, -5.1050, 4.0737



229.7430, 3.0847, -9.4216



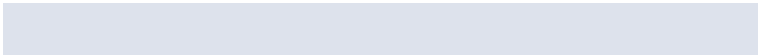
232.6030, 2.1677, 4.7332

Complementary

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



231.3550, -5.1050, 4.0737



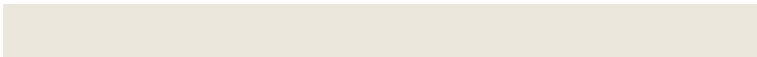
225.6450, 5.1050, -4.0737

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.



232.0370, 3.9258, 0.8446



231.3550, -5.1050, 4.0737



230.2100, 4.8265, -8.0772

Square

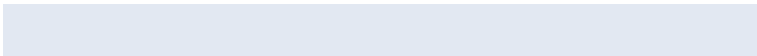
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.3550, -5.1050, 4.0737



230.0590, 0.4639, -8.8217



231.3460, 5.2524, -4.6884



232.6420, -0.3165, 8.2070

Rectangle

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



231.3550, -5.1050, 4.0737



230.5820, -2.7519, -4.0184



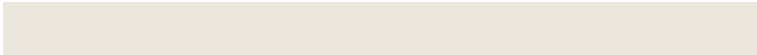
231.3460, 5.2524, -4.6884



232.4180, 2.7519, 4.0184

Sweetspot

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



231.3550, -5.1050, 4.0737



253.2560, -1.6052, 1.5295



226.0550, -0.0271, 8.7218



127.0710, -1.0210, 0.8147



0.0000, 0.0000, 0.0000



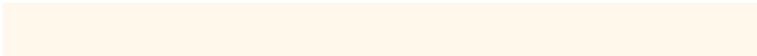
128.0000, 0.0000, 0.0000

Same Dimension

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



231.3550, -5.1050, 4.0737



248.6110, -6.7102, 5.6032



233.6920, -6.2572, 0.2701



113.3980, -3.6472, 3.1590



125.1460, -61.6970, 48.9840



37.2780, -18.3781, 14.6652

Inverse Universe

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



225.6450, 5.1050, -4.0737



240.8020, 6.9996, -5.0884



223.3080, 6.2572, -0.2701



109.0150, 3.9366, -2.6442



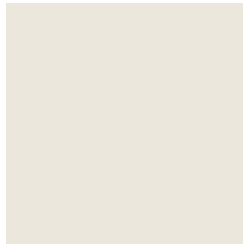
55.8540, 61.6970, -48.9840



16.7220, 18.3781, -14.6652

Previews

White Background



This preview shows how the YUV color 231.3550, -5.1050, 4.0737 looks on a white background.

Color Contrast Check

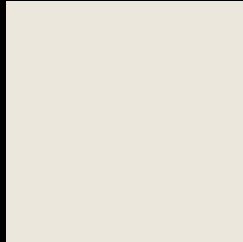
Large Text (above 18pt) WCAG AA × Fail

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 231.3550, -5.1050, 4.0737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

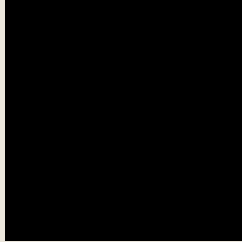
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

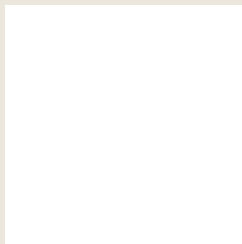
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 231.3550, -5.1050, 4.0737

Background



This preview shows how black text looks on a background with the YUV color 231.3550, -5.1050, 4.0737.



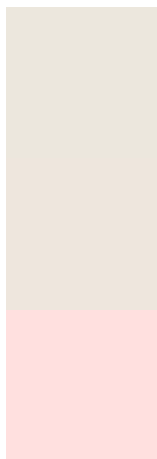
This preview shows how white text looks on a background with the YUV color 231.3550, -5.1050,

4.0737.

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

231.3550, -5.1050, 4.0737

Protanopia

231.3660, -5.1104, 5.8180

Deuteranopia

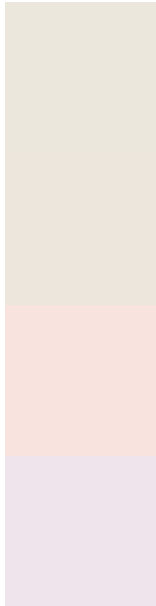
233.1550, -5.0064, 19.1581



Tritanopia

232.9390, 5.9461, 6.1925

Trichromacy



Original Color

231.3550, -5.1050, 4.0737

Protanomaly

231.0670, -4.9630, 5.2032

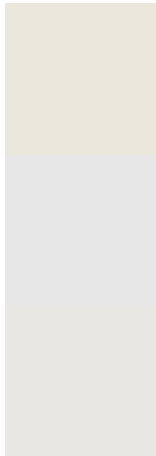
Deuteranomaly

232.7090, -5.2795, 13.4102

Tritanomaly

232.2010, 1.8729, 5.9627

Monochromacy



Original Color

231.3550, -5.1050, 4.0737

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

231.1420, -2.0420, 1.6295

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.3550, -5.1050, 4.0737 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(236, 231, 221)` looks like.

```
.text, #text, p{  
    color:rgb(236, 231, 221)  
}
```

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(236, 231, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 231, 221) }
```

Border

The CSS property to change the border of an element to YUV 231.3550, -5.1050, 4.0737 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(236, 231, 221) }
```


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

```
.border{ border-color:rgb(236, 231, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 231, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 231, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 231, 221);  
box-shadow:4px 4px 4px 4px rgb(236, 231,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 231.3550, -5.1050, 4.0737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 231, 221) }
```

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

```
.background{ background-color: rgb(236,  
231, 221) }
```

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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