

Converting Colors

YUV(230.1590, -4.5154, 1.6146)

Have a look what the booklet for
YUV(230.1590, -4.5154, 1.6146)
contains.

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Color

**YUV(230.1590, -4.5154,
1.6146)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E7DD
RGB	232, 231, 221
RGB Percent	91%, 91%, 87%
CMY	0.0902, 0.0941, 0.1333
CMYK	0.00, 0.00, 0.05, 0.09
HSL	55°, 19%, 89%
HSV	55°, 5%, 91%
XYZ	74.9058, 79.5281, 79.8091
YIQ	230.1590, 3.8060, -2.8980

Conversions

Conversions Part 2

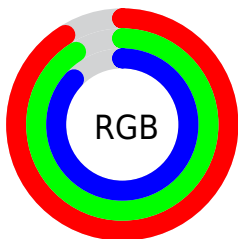
Format	Color
R _Y B	222, 232, 221
Decimal	15263709
CIE Lab	91.47, -1.40, 4.97
CIE LCh	91, 5.164, 105.731
Yxy	79.5281, 0.3198, 0.3395
Android (android.graphics.Color)	4293453789 (0xFFE8E7DD)
YUV	230.1590, -4.5154, 1.6146
Hunter-Lab	89.1785, -6.1308, 9.3642

Details

The YUV color $230.1590, -4.5154, 1.6146$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $222.8410, 4.5154, -1.6146$, 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 $174.2730, -4.0786, 1.5146$ is the 20% darker color. If you saturate the color by 10%, you get $226.3630, -13.9830, 4.9436$, and if you desaturate by 10%, it is $233.9550, 4.9522, -1.7145$.

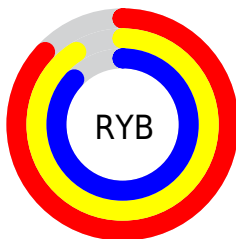
Distribution



Red (91%)

Green (91%)

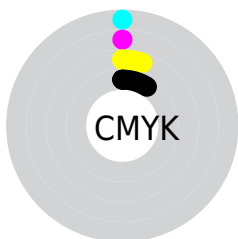
Blue (87%)



Red (87%)

Yellow (91%)

Blue (87%)

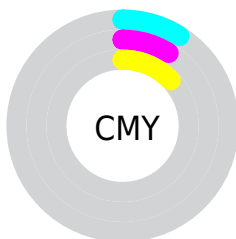


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (9%)



Cyan (9%)

Magenta (9%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.1590, -4.5154, 1.6146 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 230.1590, -4.5154, 1.6146 by changing the saturation by 10% instead.

■ 230.1590, -4.5154,
1.6146

■ 230.1590, -4.5154,
1.6146

255.0000, 0.0000,
0.0000

■ 202.1590, -4.5154,
1.6146

■ 174.2730, -4.0786,
1.5146

■ 148.2730, -4.0786,
1.5146

■ 122.2730, -4.0786,
1.5146

■ 97.3870, -3.6418,
1.4146

■ 73.3870, -3.6418,
1.4146

■ 51.0880, -3.4944,

0.7998

■ 30.2020, -3.0576,
0.6998

■ 5.0170, -2.4734,
-0.0149

■ 230.1590, -4.5154,
1.6146

■ 230.1590, -4.5154,
1.6146

■ 226.3630,
-13.9830, 4.9436

■ 233.9550, 4.9522,
-1.7145

■ 222.5670,
-23.4505, 8.2727

■ 236.3830, 9.1782,
-3.8439

■ 218.6570,
-33.3549, 11.7018

■ 237.5570, 8.5994,
-4.8735

■ 214.8610,
-42.8225, 15.0309

■ 238.7310, 8.0206,
-5.9031

■ 210.4780,
-52.0007, 18.8748

■ 240.4920, 7.1524,
-7.4475

■ 206.6820,
-61.4682, 22.2039

■ 241.6660, 6.5737,
-8.4771

■ 202.8860,
-70.9358, 25.5330

■ 242.8400, 5.9949,
-9.5067

■ 198.9760,
-80.8402, 28.9620

■ 244.0140, 5.4161,
-10.5363

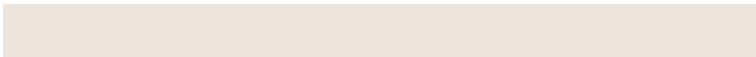
■ 195.1800,
-90.3077, 32.2911

■ 245.1880, 4.8373,
-11.5659

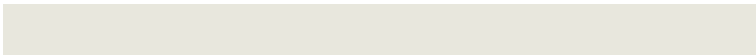
Harmonies

Analogous

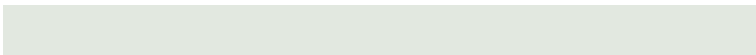
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.4800, -4.6736, 5.7180



230.1590, -4.5154, 1.6146



229.2940, -2.6099, -2.8888

Triad

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



230.1590, -4.5154, 1.6146



229.5690, 3.6635, -8.3920



231.8590, 0.5625, 6.2627

Complementary

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



230.1590, -4.5154, 1.6146



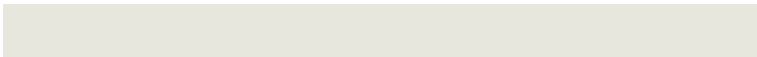
222.8410, 4.5154, -1.6146

Split Complementary

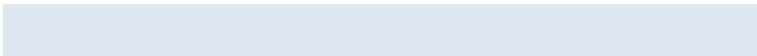
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.7060, 2.6099, 2.8888



230.1590, -4.5154, 1.6146



230.2210, 4.8210, -6.3328

Square

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



230.1590, -4.5154, 1.6146



229.4010, 1.7743, -9.1217



230.8410, 4.5154, -1.6146



231.5990, -1.7743, 9.1217

Rectangle

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



230.1590, -4.5154, 1.6146



229.2120, -1.5835, -5.4479



230.8410, 4.5154, -1.6146



231.7880, 1.5835, 5.4479

Sweetspot

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



230.1590, -4.5154, 1.6146



254.6580, -1.3104, 0.2999



224.4030, -1.1847, 6.6626



127.1850, -0.5842, 0.7148



0.0000, 0.0000, 0.0000



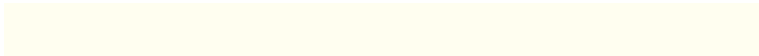
128.0000, 0.0000, 0.0000

Same Dimension

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



230.1590, -4.5154, 1.6146



252.7030, -6.2626, 2.0145



229.5500, -4.2152, -1.3594



113.5010, -3.2050, 1.3146



148.6150, -73.2672, 26.6476



42.2510, -20.8297, 7.6729

Inverse Universe

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



222.8410, 4.5154, -1.6146



242.2970, 6.2626, -2.0145



223.4500, 4.2151, 1.3593



107.9120, 3.4944, -0.7998



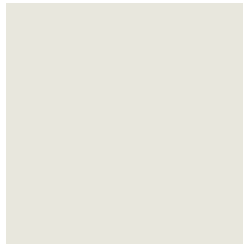
29.7980, 73.5566, -26.1328



8.7490, 20.8297, -7.6729

Previews

White Background



This preview shows how the YUV color 230.1590, -4.5154, 1.6146 looks on a white background.

Color Contrast Check

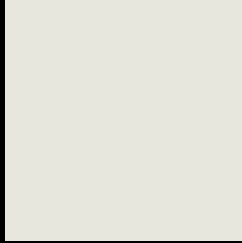
Large Text (above 18pt) WCAG AA × Fail

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 230.1590, -4.5154, 1.6146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

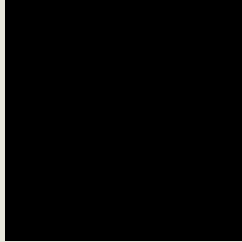
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

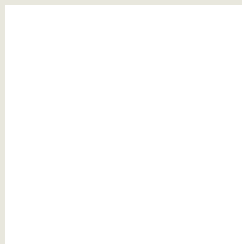
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 230.1590, -4.5154, 1.6146

Background



This preview shows how black text looks on a background with the YUV color 230.1590, -4.5154, 1.6146.



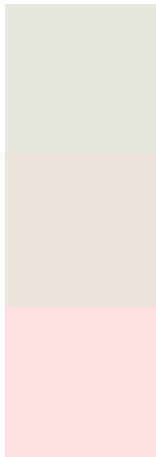
This preview shows how white text looks on a background with the YUV color 230.1590, -4.5154,

1.6146.

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

230.1590, -4.5154, 1.6146

Protanopia

230.3660, -5.1104, 5.8180

Deuteranopia

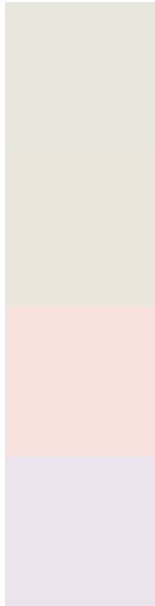
232.5680, -4.7170, 19.6729



Tritanopia

231.7430, 6.5357, 3.7334

Trichromacy



Original Color

230.1590, -4.5154, 1.6146

Protanomaly

230.3550, -5.1050, 4.0737

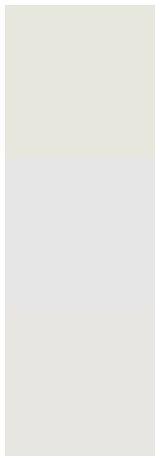
Deuteranomaly

231.8230, -4.8427, 13.3102

Tritanomaly

231.0050, 2.4625, 3.5036

Monochromacy



Original Color

230.1590, -4.5154, 1.6146

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

229.9570, -1.4578, 0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.1590, -4.5154, 1.6146 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(232, 231, 221)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 231, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 231, 221) }
```

Border

The CSS property to change the border of an element to YUV 230.1590, -4.5154, 1.6146 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(232, 231, 221) }
```


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

```
.border{ border-color:rgb(232, 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(232, 231, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 231, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 231, 221);  
box-shadow:4px 4px 4px 4px rgb(232, 231,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 230.1590, -4.5154, 1.6146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 231, 221) }
```

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

```
.background{ background-color: rgb(232,  
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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