

Converting Colors

YUV(230.6590, -2.7899, 8.1921)

Have a look what the booklet for
YUV(230.6590, -2.7899, 8.1921)
contains.

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Color

**YUV(230.6590, -2.7899,
8.1921)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E3E1
RGB	240, 227, 225
RGB Percent	94%, 89%, 88%
CMY	0.0588, 0.1098, 0.1176
CMYK	0.00, 0.05, 0.06, 0.06
HSL	8°, 33%, 91%
HSV	8°, 6%, 94%
XYZ	76.9949, 78.8997, 82.4053
YIQ	230.6590, 8.3900, 2.1340

Conversions

Conversions Part 2

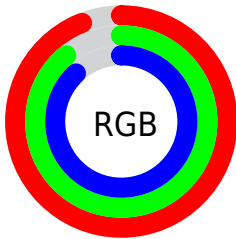
Format	Color
R _Y B	240, 227, 225
Decimal	15786977
CIE Lab	91.19, 4.08, 2.55
CIE LCh	91, 4.808, 31.990
Yxy	78.8997, 0.3231, 0.3311
Android (android.graphics.Color)	4293977057 (0xFF0E3E1)
YUV	230.6590, -2.7899, 8.1921
Hunter-Lab	88.8255, -0.7189, 7.1733

Details

The YUV color $230.6590, -2.7899, 8.1921$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $234.3410, 2.7899, -8.1921$, 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 $175.3600, -2.6425, 7.5773$ is the 20% darker color. If you saturate the color by 10%, you get $215.5960, -7.1958, 21.4023$, and if you desaturate by 10%, it is $245.7220, 1.6161, -5.0182$.

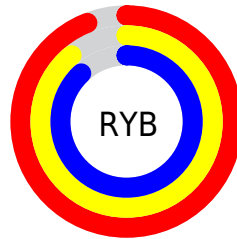
Distribution



Red (94%)

Green (89%)

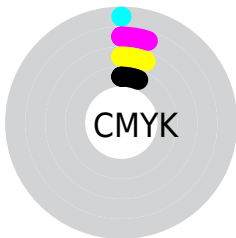
Blue (88%)



Red (94%)

Yellow (89%)

Blue (88%)

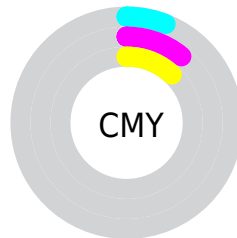


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (6%)



Cyan (6%)

Magenta (11%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.6590, -2.7899, 8.1921 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 230.6590, -2.7899, 8.1921 by changing the saturation by 10% instead.

230.6590, -2.7899,
8.1921

230.6590, -2.7899,
8.1921

255.0000, 0.0000,
0.0000

202.6590, -2.7899,
8.1921

175.3600, -2.6425,
7.5773

148.3600, -2.6425,
7.5773

122.4740, -2.2057,
7.4773

98.0610, -2.4951,
6.9625

74.1750, -2.0583,
6.8625

51.4630, -2.2003,

5.7329

■ 30.5770, -1.7635,
5.6330

■ 5.3710, -2.6479,
9.3216

■ 230.6590, -2.7899,
8.1921

■ 230.6590, -2.7899,
8.1921

■ 215.5960, -7.1958,
21.4023

■ 245.7220, 1.6161,
-5.0182

■ 200.5330,
-11.6018, 34.6126

■ 250.5150, 2.2111,
-9.2217

■ 186.0570,
-16.2971, 47.3080

■ 170.9940,
-20.7030, 60.5183

■ 155.9310,
-25.1090, 73.7285

■ 140.8680,
-29.5149, 86.9388

■ 125.8050,
-33.9209, 100.1490

■ 111.3290,
-38.6162, 112.8445

■ 96.2660, -43.0221,
126.0547

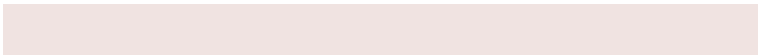
Harmonies

Analogous

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



230.9300, -0.4585, 7.0774



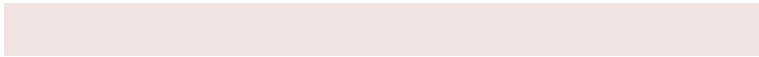
230.6590, -2.7899, 8.1921



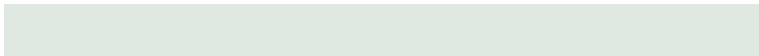
230.3060, -4.0949, 6.7476

Triad

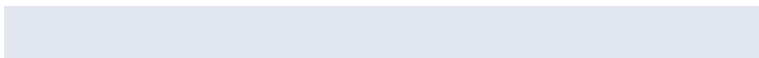
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.6590, -2.7899, 8.1921



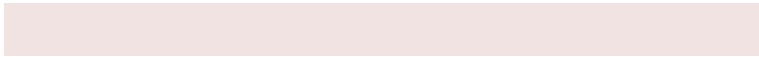
228.5110, -1.7309, -4.8331



229.8300, 4.5208, -3.3589

Complementary

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



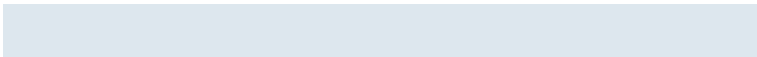
230.6590, -2.7899, 8.1921



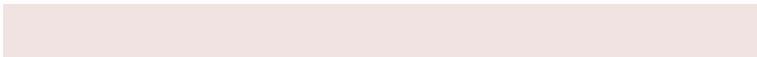
234.3410, 2.7899, -8.1921

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.



228.8080, 4.5317, -6.8476



230.6590, -2.7899, 8.1921



228.7710, 0.6059, -7.6922

Square

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



230.6590, -2.7899, 8.1921



229.0770, -3.4890, -0.9445



228.3410, 2.7899, -8.1921



230.0370, 3.9258, 0.8446

Rectangle

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



230.6590, -2.7899, 8.1921



229.8820, -4.3788, 4.4885



228.3410, 2.7899, -8.1921



229.2320, 4.8156, -4.5885

Sweetspot

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



230.6590, -2.7899, 8.1921



252.0820, -1.0264, 2.5591



230.9670, 3.4673, 7.9219



125.8970, -0.4422, 1.8443



0.0000, 0.0000, 0.0000



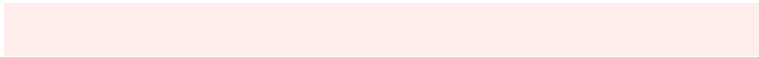
128.0000, 0.0000, 0.0000

Same Dimension

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



230.6590, -2.7899, 8.1921



242.1540, -3.5269, 11.2659



234.7680, -4.8156, 4.5885



112.1750, -2.0583, 6.8625



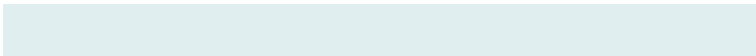
69.1040, -34.0683, 100.7638



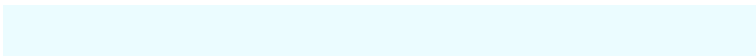
20.8530, -10.2805, 30.8239

Inverse Universe

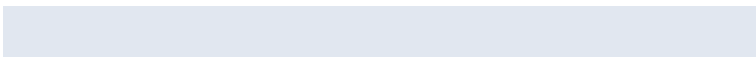
The Inverse Universe completely reimagines the original color for something new.



234.3410, 2.7899, -8.1921



247.2590, 3.8163, -10.7511



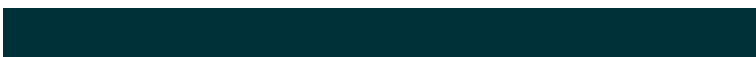
230.2320, 4.8156, -4.5885



115.2380, 2.3477, -6.3477



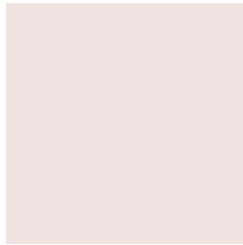
114.3090, 34.3577, -100.2490



35.1470, 10.2805, -30.8239

Previews

White Background



This preview shows how the YUV color 230.6590, -2.7899, 8.1921 looks on a white background.

Color Contrast Check

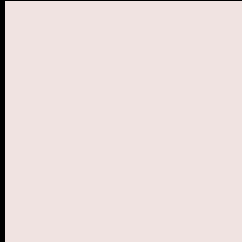
Large Text (above 18pt) WCAG AA × Fail

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 230.6590, -2.7899, 8.1921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

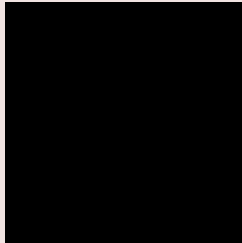
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

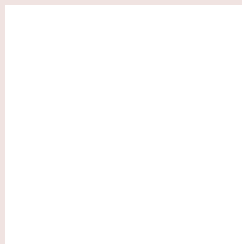
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 230.6590, -2.7899, 8.1921

Background



This preview shows how black text looks on a background with the YUV color 230.6590, -2.7899, 8.1921.

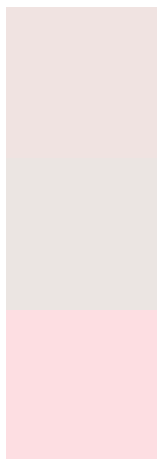


This preview shows how white text looks on a background with the YUV color 230.6590, -2.7899,

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

230.6590, -2.7899, 8.1921

Protanopia

230.4520, -2.1948, 3.9886

Deuteranopia

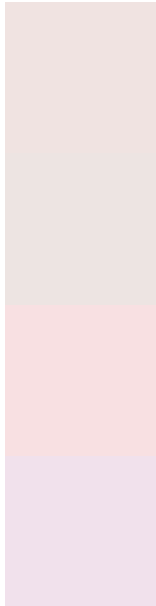
231.7250, -2.8224, 18.6582



Tritanopia

231.4340, 5.2090, 9.2664

Trichromacy



Original Color

230.6590, -2.7899, 8.1921

Protanomaly

230.4630, -2.2003, 5.7329

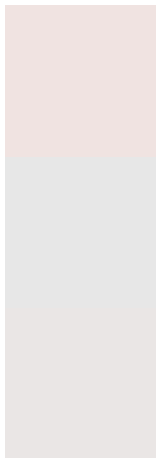
Deuteranomaly

231.4040, -2.6642, 14.5547

Tritanomaly

231.0380, 2.4463, 8.7367

Monochromacy



Original Color

230.6590, -2.7899, 8.1921

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

231.0820, -1.0264, 2.5591

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.6590, -2.7899, 8.1921 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(240, 227, 225)` looks like.

```
.text, #text, p{  
    color:rgb(240, 227, 225)  
}
```

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(240, 227, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 227, 225) }
```

Border

The CSS property to change the border of an element to YUV 230.6590, -2.7899, 8.1921 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(240, 227, 225) }
```


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

```
.border{ border-color:rgb(240, 227, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 227, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 227, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 227, 225);  
box-shadow:4px 4px 4px 4px rgb(240, 227,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 230.6590, -2.7899, 8.1921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 227, 225) }
```

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

```
.background{ background-color: rgb(240,  
227, 225) }
```

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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