

Converting Colors

YUV(164.5890, -50.0834,
57.3654)

Have a look what the booklet for
YUV(164.5890, -50.0834, 57.3654)
contains.

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Color

**YUV(164.5890, -50.0834,
57.3654)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E6973F |
| RGB | 230, 151, 63 |
| RGB Percent | 90%, 59%, 25% |
| CMY | 0.0980, 0.4078, 0.7529 |
| CMYK | 0.00, 0.34, 0.73, 0.10 |
| HSL | 32°, 77%, 57% |
| HSV | 32°, 73%, 90% |
| XYZ | 44.5969, 39.3151, 9.9407 |
| YIQ | 164.5890, 75.3320, -10.6200 |

Conversions

Conversions Part 2

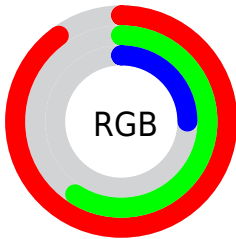
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 213, 230, 63 |
| Decimal | 15111999 |
| CIE Lab | 68.98, 22.24, 56.46 |
| CIE LCh | 69, 60.682, 68.498 |
| Yxy | 39.3151, 0.4752, 0.4189 |
| Android (android.graphics.Color) | 4293302079 (0xFFE6973F) |
| YUV | 164.5890, -50.0834, 57.3654 |
| Hunter-Lab | 62.7017, 17.2310, 34.4914 |

Details

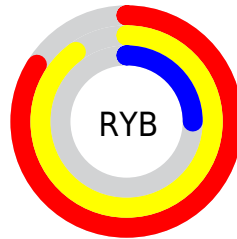
The YUV color **164.5890, -50.0834, 57.3654** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **128.4110, 50.0834, -57.3654**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.6900, -46.6822, 39.7369**, and **109.4590, -52.9773, 52.2175** is the 20% darker color. If you saturate the color by 10%, you get **155.5100, -56.9464, 65.3277**, and if you desaturate by 10%, it is **173.6680, -43.2203, 49.4032**.

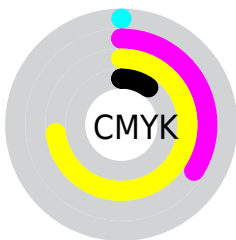
Distribution



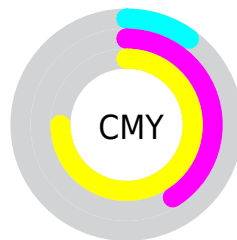
- Red (90%)
- Green (59%)
- Blue (25%)



- Red (84%)
- Yellow (90%)
- Blue (25%)



- Cyan (0%)
- Magenta (34%)
- Yellow (73%)
- Black (10%)



- Cyan (10%)
- Magenta (41%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.5890, -50.0834, 57.3654 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 164.5890, -50.0834, 57.3654 by changing the saturation by 10% instead.

164.5890,
-50.0834, 57.3654

164.5890,
-50.0834, 57.3654

255.0000, 0.0000,
0.0000

136.9800,
-49.7831, 54.3915

209.6900,
-46.6822, 39.7369

109.4590,
-52.9773, 52.2175

229.7910,
-43.2810, 22.1083

86.4720, -42.6307,
46.9441

245.1960,
-37.5646, 8.5981

64.3000, -31.6999,
40.9559

248.3880,
-25.3343, 5.7987

42.4270, -20.9165,
35.5825

251.6940,
-12.6671, 2.8994

21.1410, -10.4225,
29.6943

9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,
0.0000

■ 164.5890,
-50.0834, 57.3654

■ 164.5890,
-50.0834, 57.3654

■ 155.5100,
-56.9464, 65.3277

■ 173.6680,
-43.2203, 49.4032

■ 146.4310,
-63.8095, 73.2900

■ 182.7470,
-36.3573, 41.4409

■ 139.7970,
-68.9199, 79.1080

■ 191.8260,
-29.4942, 33.4786

■ 200.9050,
-22.6312, 25.5163

■ 209.3970,
-15.4787, 18.0688

■ 218.4760, -8.6157,
10.1065

■ 227.5550, -1.7526,
2.1443

■ 236.6340, 5.1104,
-5.8180

■ 244.0030, 5.4215,
-12.2806

Harmonies

Analogous

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



164.2970, -30.2194, 79.5465



164.5890, -50.0834, 57.3654



160.7940, -54.6214, 19.4747

Triad

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



164.5890, -50.0834, 57.3654



135.3270, 23.5028, -118.6818



172.7670, 40.5409, 16.8673

Complementary

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



164.5890, -50.0834, 57.3654



128.4110, 50.0834, -57.3654

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.



154.8840, 49.3572, -57.7803



164.5890, -50.0834, 57.3654



140.0810, 46.7951, -122.8510

Square

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



164.5890, -50.0834, 57.3654



127.0680, -0.5265, -111.4386



137.6650, 57.8462, -120.7322



171.7550, 18.8548, 65.9899

Rectangle

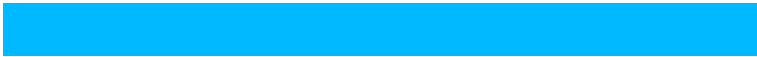
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



164.5890, -50.0834, 57.3654



156.7240, -45.2199, -9.4049



137.6650, 57.8462, -120.7322



169.3900, 42.2057, -3.8500

Sweetspot

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



164.5890, -50.0834, 57.3654



232.7670, -16.6471, 19.4983



122.1670, 10.7637, 94.5695



114.7320, -10.2209, 11.6360



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.



164.5890, -50.0834, 57.3654



168.0570, -66.5831, 76.2490



210.0650, -72.5030, 14.8520



110.1100, -3.5052, 4.2885



108.6990, -53.5886, 61.6540



31.0980, -15.3313, 17.4541

Inverse Universe

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



128.4110, 50.0834, -57.3654



119.9430, 66.5831, -76.2490



82.9350, 72.5030, -14.8520



107.8900, 3.5052, -4.2885



69.7140, 53.8780, -61.1392



19.9020, 15.3313, -17.4541

Previews

White Background



This preview shows how the YUV color 164.5890, -50.0834, 57.3654 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 164.5890, -50.0834, 57.3654 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 164.5890, -50.0834, 57.3654 Background



This preview shows how black text looks on a background with the YUV color 164.5890, -50.0834, 57.3654.



This preview shows how white text looks on a background with the YUV color 164.5890, -50.0834,

57.3654.

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

164.5890, -50.0834, 57.3654

Protanopia

163.1670, -46.9173, 21.7785

Deuteranopia

163.8490, -51.1976, 41.3514



Tritanopia

170.9470, -9.3409, 56.1745

Trichromacy



Original Color

164.5890, -50.0834, 57.3654

Protanomaly

163.3150, -47.9763, 34.8037

Deuteranomaly

164.2950, -50.9244, 47.0993

Tritanomaly

168.4620, -23.8918, 56.5998

Monochromacy



Original Color

164.5890, -50.0834, 57.3654

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.0230, -18.2523, 21.0278

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.5890, -50.0834, 57.3654 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, 151, 63)` looks like.

```
.text, #text, p{  
    color:rgb(230, 151, 63)  
}
```

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, 151, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 151, 63) }
```

Border

The CSS property to change the border of an element to YUV 164.5890, -50.0834, 57.3654 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, 151, 63) }
```


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

```
.border{ border-color:rgb(230, 151, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 151, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 151, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 151, 63);  
box-shadow:4px 4px 4px 4px rgb(230, 151,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 164.5890, -50.0834, 57.3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 151, 63) }
```

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

```
.background{ background-color: rgb(230,  
151, 63) }
```

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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