

Converting Colors

YUV(203.3610, -57.8590,
31.2554)

Have a look what the booklet for
YUV(203.3610, -57.8590, 31.2554)
contains.

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Color

**YUV(203.3610, -57.8590,
31.2554)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD056
RGB	239, 208, 86
RGB Percent	94%, 82%, 34%
CMY	0.0627, 0.1843, 0.6627
CMYK	0.00, 0.13, 0.64, 0.06
HSL	48°, 83%, 64%
HSV	48°, 64%, 94%
XYZ	59.8322, 64.1344, 18.0298
YIQ	203.3610, 57.6380, -31.3700

Conversions

Conversions Part 2

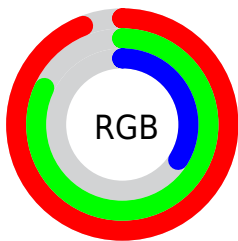
Format	Color
RYB	125, 239, 86
Decimal	15716438
CIELab	84.04, -2.67, 62.65
CIElCh	84, 62.706, 92.441
Yxy	64.1344, 0.4214, 0.4517
Android (android.graphics.Color)	4293906518 (0xFFEFD056)
YUV	203.3610, -57.8590, 31.2554
Hunter-Lab	80.0839, -6.7862, 42.7104

Details

The YUV color **203.3610, -57.8590, 31.2554** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **121.6390, 57.8590, -31.2554**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.8900, -50.2318, 11.4975**, and **147.4100, -58.8691, 28.5814** is the 20% darker color. If you saturate the color by 10%, you get **197.6900, -66.8952, 36.2289**, and if you desaturate by 10%, it is **209.0320, -48.8228, 26.2819**.

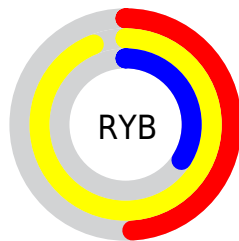
Distribution



Red (94%)

Green (82%)

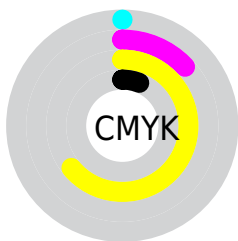
Blue (34%)



Red (49%)

Yellow (94%)

Blue (34%)

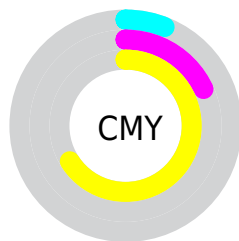


Cyan (0%)

Magenta (13%)

Yellow (64%)

Black (6%)



Cyan (6%)

Magenta (18%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.3610, -57.8590, 31.2554 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 203.3610, -57.8590, 31.2554 by changing the saturation by 10% instead.

■ 203.3610,
-57.8590, 31.2554

■ 203.3610,
-57.8590, 31.2554

■ 255.0000, 0.0000,
0.0000

■ 175.4640,
-57.4168, 29.4111

■ 241.8900,
-50.2318, 11.4975

■ 147.4100,
-58.8691, 28.5814

■ 245.0820,
-38.0014, 8.6981

■ 120.2850,
-59.3005, 26.9371

■ 248.3880,
-25.3343, 5.7987

■ 96.9390, -47.7909,
21.9785

■ 251.5800,
-13.1039, 2.9993

■ 75.3650, -37.1549,
17.2199

■ 53.7910, -26.5190,
12.4613

■ 33.6900, -16.6092,

7.2879

■ 13.2900, -6.5520,
1.4997

■ 0.0000, 0.0000,
0.0000

■ 203.3610,
-57.8590, 31.2554

■ 203.3610,
-57.8590, 31.2554

■ 197.6900,
-66.8952, 36.2289

■ 209.0320,
-48.8228, 26.2819

■ 192.0190,
-75.9314, 41.2023

■ 214.7030,
-39.7866, 21.3085

■ 186.3480,
-84.9676, 46.1758

■ 220.3740,
-30.7504, 16.3350

■ 183.5780,
-90.5040, 48.6051

■ 225.4580,
-21.4248, 11.8763

■ 231.0150,
-12.8254, 7.0028

■ 236.6860, -3.7892,
2.0294

■ 242.3570, 5.2470,
-2.9441

■ 245.5200, 4.6736,
-5.7180

■ 248.4550, 3.2267,
-8.2920

Harmonies

Analogous

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



197.9840, -45.8411, 50.0030



203.3610, -57.8590, 31.2554



197.2670, -45.4876, -16.8972

Triad

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



203.3610, -57.8590, 31.2554



168.7760, 42.5084, -148.0166



205.1050, 24.5982, 43.7579

Complementary

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



203.3610, -57.8590, 31.2554



121.6390, 57.8590, -31.2554

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.



207.2550, 23.5383, 10.3004



203.3610, -57.8590, 31.2554



164.0800, 44.8236, -143.8982

Square

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



203.3610, -57.8590, 31.2554



164.5750, 23.8735, -144.3323



186.3820, 33.8287, -70.4950



192.5890, 7.1046, 54.7344

Rectangle

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



203.3610, -57.8590, 31.2554



190.1450, -27.1865, -53.6242



186.3820, 33.8287, -70.4950



208.6270, 22.8619, 40.6691

Sweetspot

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



203.3610, -57.8590, 31.2554



243.6580, -18.0724, 9.9469



135.5090, -8.1389, 90.7616



121.0580, -11.3676, 6.0881



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.



203.3610, -57.8590, 31.2554



209.1760, -74.0368, 40.1876



208.7010, -60.4916, -11.1388



116.8710, -4.3734, 2.7441



140.7180, -69.3740, 37.9583



43.1590, -21.2774, 11.2616

Inverse Universe

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



121.6390, 57.8590, -31.2554



104.2370, 74.3262, -39.6728



116.2990, 60.4916, 11.1388



110.5420, 4.6628, -2.2293



42.6950, 69.6634, -37.4435



12.8410, 21.2774, -11.2616

Previews

White Background



This preview shows how the YUV color 203.3610, -57.8590, 31.2554 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 203.3610, -57.8590, 31.2554 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 203.3610, -57.8590, 31.2554 Background



This preview shows how black text looks on a background with the YUV color 203.3610, -57.8590, 31.2554.



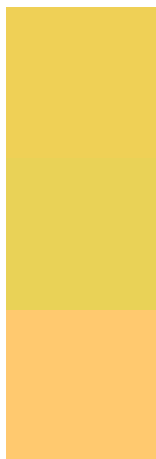
This preview shows how white text looks on a background with the YUV color 203.3610, -57.8590,

31.2554.

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

203.3610, -57.8590, 31.2554

Protanopia

202.8550, -57.1165, 26.4372

Deuteranopia

206.8860, -47.2718, 42.1960



Tritanopia

212.8560, -1.4080, 31.6983

Trichromacy



Original Color

203.3610, -57.8590, 31.2554

Protanomaly

202.8660, -57.1219, 28.1815

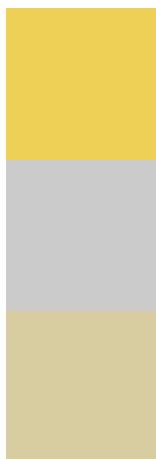
Deuteranomaly

205.8270, -51.1867, 37.8627

Tritanomaly

209.4650, -21.9212, 31.1642

Monochromacy



Original Color

203.3610, -57.8590, 31.2554

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.1590, -21.2774, 11.2616

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.3610, -57.8590, 31.2554 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(239, 208, 86)` looks like.

```
.text, #text, p{  
    color:rgb(239, 208, 86)  
}
```

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(239, 208, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 208, 86) }
```

Border

The CSS property to change the border of an element to YUV 203.3610, -57.8590, 31.2554 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(239, 208, 86) }
```


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

```
.border{ border-color:rgb(239, 208, 86) }
```

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

Here you see how a box with a 4 pixel rgb(239, 208, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 208, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 208, 86);  
box-shadow:4px 4px 4px 4px rgb(239, 208,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 203.3610, -57.8590, 31.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 208, 86) }
```

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

```
.background{ background-color: rgb(239,  
208, 86) }
```

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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