

Converting Colors

YUV(188.6130, -63.4062,
37.1734)

Have a look what the booklet for
YUV(188.6130, -63.4062, 37.1734)
contains.

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Color

**YUV(188.6130, -63.4062,
37.1734)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C03C
RGB	231, 192, 60
RGB Percent	91%, 75%, 24%
CMY	0.0941, 0.2471, 0.7647
CMYK	0.00, 0.17, 0.74, 0.09
HSL	46°, 78%, 57%
HSV	46°, 74%, 91%
XYZ	52.6202, 55.0144, 12.1204
YIQ	188.6130, 65.6160, -32.7840

Conversions

Conversions Part 2

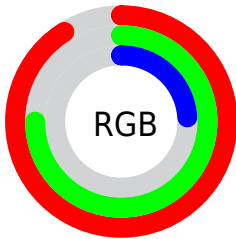
Format	Color
RYB	111, 231, 60
Decimal	15188028
CIELab	79.05, 0.86, 67.67
CIELCh	79, 67.675, 89.270
Yxy	55.0144, 0.4394, 0.4594
Android (android.graphics.Color)	4293378108 (0xFFE7C03C)
YUV	188.6130, -63.4062, 37.1734
Hunter-Lab	74.1717, -3.1658, 42.2316

Details

The YUV color **188.6130, -63.4062, 37.1734** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **102.3870, 63.4062, -37.1734**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.0450, -58.6892, 17.5005**, and **132.7220, -65.4319, 33.5698** is the 20% darker color. If you saturate the color by 10%, you get **183.0560, -72.0056, 42.0469**, and if you desaturate by 10%, it is **194.1700, -54.8068, 32.2999**.

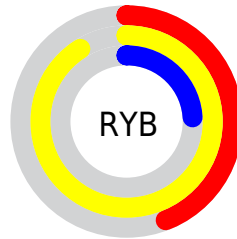
Distribution



Red (91%)

Green (75%)

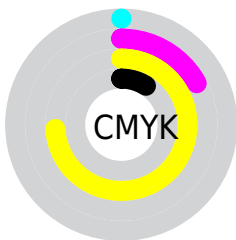
Blue (24%)



Red (44%)

Yellow (91%)

Blue (24%)

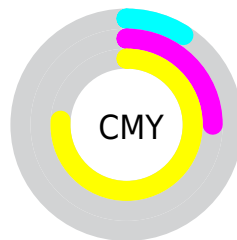


Cyan (0%)

Magenta (17%)

Yellow (74%)

Black (9%)



Cyan (9%)

Magenta (25%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.6130, -63.4062, 37.1734 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 188.6130, -63.4062, 37.1734 by changing the saturation by 10% instead.

■ 188.6130,
-63.4062, 37.1734

■ 188.6130,
-63.4062, 37.1734

■ 255.0000, 0.0000,
0.0000

■ 160.1460,
-65.1480, 35.8290

■ 235.0450,
-58.6892, 17.5005

■ 132.7220,
-65.4319, 33.5698

■ 242.3460,
-48.4846, 11.0976

■ 109.3760,
-53.9224, 28.6112

■ 245.5380,
-36.2542, 8.2982

■ 86.3290, -42.5602,
24.2675

■ 248.7300,
-24.0239, 5.4988

■ 64.4560, -31.7768,
18.8941

■ 252.0360,
-11.3567, 2.5994

■ 44.0560, -21.7196,
13.1059

■ 24.2540, -11.9572,

8.5472

■ 0.0000, 0.0000,
0.0000

■ 188.6130,
-63.4062, 37.1734

■ 188.6130,
-63.4062, 37.1734

■ 183.0560,
-72.0056, 42.0469

■ 194.1700,
-54.8068, 32.2999

■ 176.9120,
-80.3156, 47.4352

■ 200.3140,
-46.4968, 26.9116

■ 173.5550,
-85.5626, 50.3793

■ 205.8710,
-37.8974, 22.0381

■ 211.4280,
-29.2980, 17.1646

■ 217.0990,
-20.2618, 12.1912

■ 223.2430,
-11.9518, 6.8029

■ 228.8000, -3.3524,
1.9294

■ 234.3570, 5.2470,
-2.9441

■ 238.4320, 8.1680,
-6.5179

Harmonies

Analogous

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



184.7790, -48.2050, 61.5838



188.6130, -63.4062, 37.1734



182.3940, -51.4662, -12.6235

Triad

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



188.6130, -63.4062, 37.1734



161.7320, 45.9811, -141.8390



195.7130, 29.2285, 51.9947

Complementary

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



188.6130, -63.4062, 37.1734



102.3870, 63.4062, -37.1734

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.



192.7360, 30.6962, 1.1085



188.6130, -63.4062, 37.1734



157.6230, 48.0069, -138.2354

Square

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



188.6130, -63.4062, 37.1734



154.5500, 18.4628, -135.5404



148.2310, 52.6371, -129.9986



180.0510, 9.8349, 65.7303

Rectangle

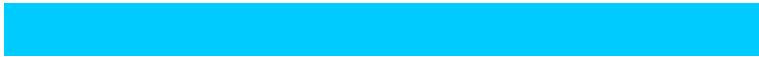
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



188.6130, -63.4062, 37.1734



174.7770, -32.4281, -52.4244



148.2310, 52.6371, -129.9986



198.9140, 27.6504, 44.8024

Sweetspot

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



188.6130, -63.4062, 37.1734



240.9850, -20.6986, 12.2912



115.6890, -7.7347, 101.1277



119.4280, -12.5360, 7.5176



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.



188.6130, -63.4062, 37.1734



198.5980, -84.1048, 49.4646



197.7520, -67.9117, -11.1835



111.8710, -4.3734, 2.7441



134.5270, -66.3218, 39.0028



38.1420, -18.8040, 11.2765

Inverse Universe

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



102.3870, 63.4062, -37.1734



84.4020, 84.1048, -49.4646



93.2480, 67.9117, 11.1835



106.1290, 4.3734, -2.7441



44.4730, 66.3218, -39.0028



12.8580, 18.8040, -11.2765

Previews

White Background



This preview shows how the YUV color 188.6130, -63.4062, 37.1734 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 188.6130, -63.4062, 37.1734 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 188.6130, -63.4062, 37.1734 Background



This preview shows how black text looks on a background with the YUV color 188.6130, -63.4062, 37.1734.



This preview shows how white text looks on a background with the YUV color 188.6130, -63.4062, 37.1734.

37.1734.

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

188.6130, -63.4062, 37.1734

Protanopia

187.4870, -62.3581, 27.6369

Deuteranopia

189.5050, -62.8600, 48.6691



Tritanopia

199.1340, -3.0241, 36.7165

Trichromacy



Original Color

188.6130, -63.4062, 37.1734

Protanomaly

188.0960, -62.6583, 30.6108

Deuteranomaly

189.0700, -63.1385, 44.6656

Tritanomaly

195.4010, -24.8477, 36.4823

Monochromacy



Original Color

188.6130, -63.4062, 37.1734

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.7140, -23.0300, 13.4058

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.6130, -63.4062, 37.1734 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(231, 192, 60)` looks like.

```
.text, #text, p{  
    color:rgb(231, 192, 60)  
}
```

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(231, 192, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 192, 60) }
```

Border

The CSS property to change the border of an element to YUV 188.6130, -63.4062, 37.1734 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(231, 192, 60) }
```


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

```
.border{ border-color:rgb(231, 192, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 192, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 192, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 192, 60);  
box-shadow:4px 4px 4px 4px rgb(231, 192,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 188.6130, -63.4062, 37.1734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 192, 60) }
```

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

```
.background{ background-color: rgb(231,  
192, 60) }
```

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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