

Converting Colors

YUV(192.2620, -67.6702,
51.5132)

Have a look what the booklet for
YUV(192.2620, -67.6702, 51.5132)
contains.

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Color

**YUV(192.2620, -67.6702,
51.5132)**

Conversions

Conversions Part 1

Format	Color
Hex	FBBD37
RGB	251, 189, 55
RGB Percent	98%, 74%, 22%
CMY	0.0157, 0.2588, 0.7843
CMYK	0.00, 0.25, 0.78, 0.02
HSL	41°, 96%, 60%
HSV	41°, 78%, 98%
XYZ	58.6708, 57.1803, 11.5590
YIQ	192.2620, 79.9660, -28.5300

Conversions

Conversions Part 2

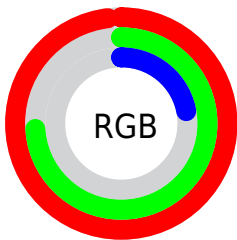
Format	Color
RYB	146, 251, 55
Decimal	16497975
CIELab	80.28, 10.72, 71.30
CIElCh	80, 72.103, 81.447
Yxy	57.1803, 0.4605, 0.4488
Android (android.graphics.Color)	4294688055 (0xFFFBBBD37)
YUV	192.2620, -67.6702, 51.5132
Hunter-Lab	75.6176, 6.1652, 43.8692

Details

The YUV color **192.2620, -67.6702, 51.5132** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **113.7380, 67.6702, -51.5132**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.8280, -59.5682, 19.4448**, and **136.6420, -67.3645, 46.7950** is the 20% darker color. If you saturate the color by 10%, you get **184.7160, -76.2750, 58.1311**, and if you desaturate by 10%, it is **199.8080, -59.0653, 44.8954**.

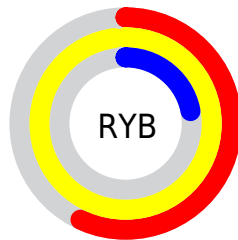
Distribution



Red (98%)

Green (74%)

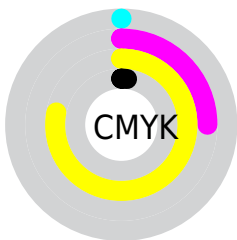
Blue (22%)



Red (57%)

Yellow (98%)

Blue (22%)

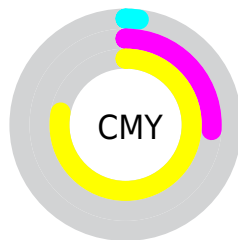


Cyan (0%)

Magenta (25%)

Yellow (78%)

Black (2%)



Cyan (2%)

Magenta (26%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.2620, -67.6702, 51.5132 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 192.2620, -67.6702, 51.5132 by changing the saturation by 10% instead.

192.2620,
-67.6702, 51.5132

192.2620,
-67.6702, 51.5132

255.0000, 0.0000,
0.0000

163.0400,
-71.0117, 49.9539

232.8280,
-59.5682, 19.4448

136.6420,
-67.3645, 46.7950

241.8900,
-50.2318, 11.4975

112.9970,
-55.7075, 41.2216

245.0820,
-38.0014, 8.6981

89.9390, -44.3399,
35.1335

248.2740,
-25.7711, 5.8987

67.7670, -33.4091,
29.1453

251.5800,
-13.1039, 2.9993

46.7800, -23.0625,
23.8719

27.2660, -13.4421,

18.1837

■ 7.1760, -3.5378,
14.7546

■ 0.0000, 0.0000,
0.0000

■ 192.2620,
-67.6702, 51.5132

■ 192.2620,
-67.6702, 51.5132

■ 184.7160,
-76.2750, 58.1311

■ 199.8080,
-59.0653, 44.8954

■ 177.1700,
-84.8798, 64.7489

■ 207.3540,
-50.4605, 38.2775

■ 176.0130,
-86.7744, 65.7636

■ 214.9000,
-41.8557, 31.6597

■ 222.4460,
-33.2509, 25.0419

■ 230.1060,
-24.2093, 18.3240

■ 237.6520,
-15.6044, 11.7062

■ 245.1980, -6.9996,
5.0884

■ 252.6300, 1.1684,
-1.4295

■ 253.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



182.1690, -42.9743, 63.8728



192.2620, -67.6702, 51.5132



186.4360, -61.8399, 1.3716

Triad

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



192.2620, -67.6702, 51.5132



163.6410, 40.6030, -143.5132



199.2350, 27.4921, 48.9059

Complementary

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



192.2620, -67.6702, 51.5132



113.7380, 67.6702, -51.5132

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.



189.6470, 32.2190, -20.7384



192.2620, -67.6702, 51.5132



161.7320, 45.9811, -141.8390

Square

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



192.2620, -67.6702, 51.5132



155.1880, 10.7533, -136.0999



153.5140, 50.0326, -134.6318



183.0320, 18.7182, 63.1159

Rectangle

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



192.2620, -67.6702, 51.5132



180.2920, -43.5280, -38.8441



153.5140, 50.0326, -134.6318



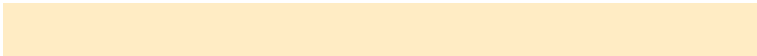
199.4240, 27.3990, 32.0772

Sweetspot

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



192.2620, -67.6702, 51.5132



237.1210, -20.2727, 15.6799



120.6720, -1.8103, 114.2977



116.8520, -12.2520, 9.7768



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.



192.2620, -67.6702, 51.5132



183.0280, -82.8378, 63.1194



217.8920, -80.3058, -2.5363



121.1700, -4.5208, 3.3589



132.2340, -65.1914, 49.7838



42.8930, -21.1462, 15.8798

Inverse Universe

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



113.7380, 67.6702, -51.5132



86.9720, 82.8378, -63.1194



88.1080, 80.3058, 2.5363



115.8300, 4.5208, -3.3589



56.7660, 65.1914, -49.7838



18.1070, 21.1462, -15.8798

Previews

White Background



This preview shows how the YUV color 192.2620, -67.6702, 51.5132 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 192.2620, -67.6702, 51.5132 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 192.2620, -67.6702, 51.5132 Background



This preview shows how black text looks on a background with the YUV color 192.2620, -67.6702, 51.5132.



This preview shows how white text looks on a background with the YUV color 192.2620, -67.6702, 51.5132.

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

192.2620, -67.6702, 51.5132

Protanopia

190.9880, -65.5631, 28.9515

Deuteranopia

191.9630, -67.5228, 50.8984



Tritanopia

203.0920, -5.9614, 45.5233

Trichromacy



Original Color

192.2620, -67.6702, 51.5132

Protanomaly

191.5160, -66.3164, 37.2585

Deuteranomaly

191.9630, -67.5228, 50.8984

Tritanomaly

199.5550, -28.3746, 47.7483

Monochromacy



Original Color

192.2620, -67.6702, 51.5132

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

191.9920, -24.6461, 18.4240

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.2620, -67.6702, 51.5132 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(251, 189, 55)` looks like.

```
.text, #text, p{  
    color:rgb(251, 189, 55)  
}
```

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(251, 189, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 189, 55) }
```

Border

The CSS property to change the border of an element to YUV 192.2620, -67.6702, 51.5132 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(251, 189, 55) }
```


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

```
.border{ border-color:rgb(251, 189, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 189, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 189, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 189, 55);  
box-shadow:4px 4px 4px 4px rgb(251, 189,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 192.2620, -67.6702, 51.5132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 189, 55) }
```

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

```
.background{ background-color: rgb(251,  
189, 55) }
```

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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