

Converting Colors

YUV(189.3220, -68.6857,
50.5836)

Have a look what the booklet for
YUV(189.3220, -68.6857, 50.5836)
contains.

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Color

**YUV(189.3220, -68.6857,
50.5836)**

Conversions

Conversions Part 1

Format	Color
Hex	F7BB32
RGB	247, 187, 50
RGB Percent	97%, 73%, 20%
CMY	0.0314, 0.2667, 0.8039
CMYK	0.00, 0.24, 0.80, 0.03
HSL	42°, 92%, 58%
HSV	42°, 80%, 97%
XYZ	56.7038, 55.5451, 10.7503
YIQ	189.3220, 79.7370, -29.8870

Conversions

Conversions Part 2

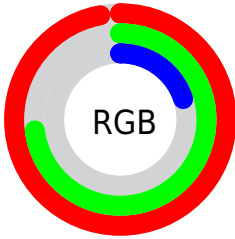
Format	Color
R _Y B	136, 247, 50
Decimal	16235314
CIE Lab	79.35, 9.91, 71.97
CIE LCh	79, 72.645, 82.163
Yxy	55.5451, 0.4610, 0.4516
Android (android.graphics.Color)	4294425394 (0xFFFF7BB32)
YUV	189.3220, -68.6857, 50.5836
Hunter-Lab	74.5286, 5.3837, 43.6178

Details

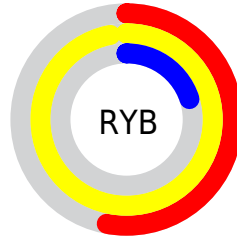
The YUV color **189.3220, -68.6857, 50.5836** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **107.6780, 68.6857, -50.5836**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.1980, -60.7366, 20.8744**, and **134.2720, -66.1961, 45.3655** is the 20% darker color. If you saturate the color by 10%, you get **181.7760, -77.2906, 57.2014**, and if you desaturate by 10%, it is **196.8680, -60.0809, 43.9658**.

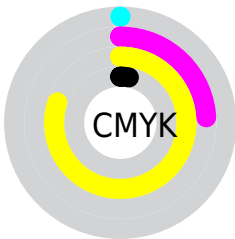
Distribution



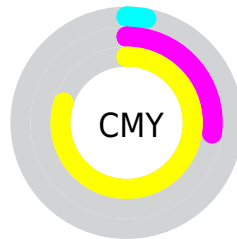
- Red (97%)
- Green (73%)
- Blue (20%)



- Red (53%)
- Yellow (97%)
- Blue (20%)



- Cyan (0%)
- Magenta (24%)
- Yellow (80%)
- Black (3%)



- Cyan (3%)
- Magenta (27%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.3220, -68.6857, 50.5836 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 189.3220, -68.6857, 50.5836 by changing the saturation by 10% instead.

189.3220,
-68.6857, 50.5836

189.3220,
-68.6857, 50.5836

255.0000, 0.0000,
0.0000

159.5300,
-74.2113, 49.5242

231.1980,
-60.7366, 20.8744

134.2720,
-66.1961, 45.3655

241.3200,
-52.4158, 11.9974

110.6270,
-54.5391, 39.7921

244.6260,
-39.7486, 9.0980

87.8680, -43.3189,
34.3188

247.8180,
-27.5183, 6.2986

65.6960, -32.3881,
28.3306

251.1240,
-14.8511, 3.3993

44.4100, -21.8941,
22.4424

254.5440, -1.7472,

24.8960, -12.2737,

0.3999

16.7542

■ 5.0830, -2.5059,
10.4512

■ 0.0000, 0.0000,
0.0000

■ 189.3220,
-68.6857, 50.5836

■ 189.3220,
-68.6857, 50.5836

■ 181.7760,
-77.2906, 57.2014

■ 196.8680,
-60.0809, 43.9658

■ 174.9310,
-85.7480, 63.2045

■ 203.7130,
-51.6235, 37.9627

■ 174.8170,
-86.1848, 63.3045

■ 211.2590,
-43.0187, 31.3449

■ 218.2180,
-34.1245, 25.2418

■ 225.7640,
-25.5197, 18.6240

■ 232.6090,
-17.0622, 12.6209

■ 240.1550, -8.4574,
6.0031

■ 247.1140, 0.4368,
-0.1000

■ 252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



180.4250, -44.5795, 65.4023



189.3220, -68.6857, 50.5836



183.4250, -61.8345, -0.3727

Triad

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



189.3220, -68.6857, 50.5836



162.4670, 41.1818, -142.4836



197.4740, 28.3603, 50.4503

Complementary

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



189.3220, -68.6857, 50.5836



107.6780, 68.6857, -50.5836

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.



187.5870, 33.2346, -19.8088



189.3220, -68.6857, 50.5836



159.9710, 46.8493, -140.2946

Square

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



189.3220, -68.6857, 50.5836



153.9000, 10.8953, -134.9703



152.3400, 50.6114, -133.6022



180.2280, 18.1286, 65.5750

Rectangle

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



189.3220, -68.6857, 50.5836



177.3950, -43.0857, -40.6884



152.3400, 50.6114, -133.6022



197.6630, 28.2671, 33.6215

Sweetspot

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



189.3220, -68.6857, 50.5836



236.8930, -21.1462, 15.8798



115.9710, -1.9577, 114.9124



116.7380, -12.6888, 9.8768



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.



189.3220, -68.6857, 50.5836



183.0450, -85.3112, 63.1045



213.7780, -80.7426, -2.4363



118.8710, -4.3734, 2.7441



131.3370, -64.7491, 47.9395



41.7080, -20.5620, 15.1651

Inverse Universe

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



107.6780, 68.6857, -50.5836



81.9550, 85.3112, -63.1045



83.2220, 80.7426, 2.4363



113.7160, 4.0840, -3.2589



54.6630, 64.7491, -47.9395



17.2920, 20.5620, -15.1651

Previews

White Background



This preview shows how the YUV color 189.3220, -68.6857, 50.5836 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 189.3220, -68.6857, 50.5836 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 189.3220, -68.6857, 50.5836

Background



This preview shows how black text looks on a background with the YUV color 189.3220, -68.6857, 50.5836.



This preview shows how white text looks on a background with the YUV color 189.3220, -68.6857,

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

189.3220, -68.6857, 50.5836

Protanopia

187.7600, -66.4367, 29.1515

Deuteranopia

189.3220, -68.6857, 50.5836



Tritanopia

200.4020, -6.1142, 47.8824

Trichromacy



Original Color

189.3220, -68.6857, 50.5836

Protanomaly

187.9890, -67.0426, 36.8436

Deuteranomaly

189.3220, -68.6857, 50.5836

Tritanomaly

196.1530, -28.6694, 48.9778

Monochromacy



Original Color

189.3220, -68.6857, 50.5836

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.8780, -25.0829, 18.5240

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.3220, -68.6857, 50.5836 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(247, 187, 50)` looks like.

```
.text, #text, p{  
    color:rgb(247, 187, 50)  
}
```

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(247, 187, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 187, 50) }
```

Border

The CSS property to change the border of an element to YUV 189.3220, -68.6857, 50.5836 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(247, 187, 50) }
```


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

```
.border{ border-color:rgb(247, 187, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 187, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 187, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 187, 50);  
box-shadow:4px 4px 4px 4px rgb(247, 187,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 189.3220, -68.6857, 50.5836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 187, 50) }
```

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

```
.background{ background-color: rgb(247,  
187, 50) }
```

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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