

Converting Colors

YUV(188.0300, -92.6988,
52.5937)

Have a look what the booklet for
YUV(188.0300, -92.6988, 52.5937)
contains.

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Color

**YUV(188.0300, -92.6988,
52.5937)**

Conversions

Conversions Part 1

Format	Color
Hex	F8C200
RGB	248, 194, 0
RGB Percent	97%, 76%, 0%
CMY	0.0275, 0.2392, 1.0000
CMYK	0.00, 0.22, 1.00, 0.03
HSL	47°, 100%, 49%
HSV	47°, 100%, 97%
XYZ	58.0032, 58.5400, 8.2423
YIQ	188.0300, 94.4580, -48.8860

Conversions

Conversions Part 2

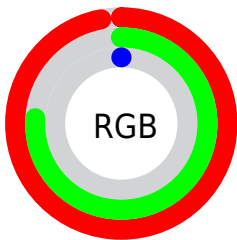
Format	Color
RYB	69, 248, 0
Decimal	16302592
CIELab	81.04, 5.84, 82.70
CIELCh	81, 82.909, 85.962
Yxy	58.5400, 0.4648, 0.4691
Android (android.graphics.Color)	4294492672 (0xFFFF8C200)
YUV	188.0300, -92.6988, 52.5937
Hunter-Lab	76.5115, 1.4254, 47.1710

Details

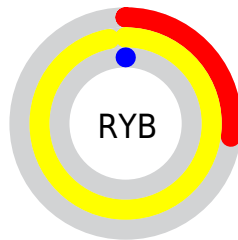
The YUV color **188.0300, -92.6988, 52.5937** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **59.9700, 92.6988, -52.5937**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.5710, -73.2455, 19.6702**, and **138.3810, -68.2218, 41.7619** is the 20% darker color. If you saturate the color by 10%, you get **188.0300, -92.6988, 52.5937**, and if you desaturate by 10%, it is **193.8150, -83.2258, 47.5202**.

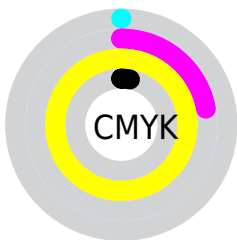
Distribution



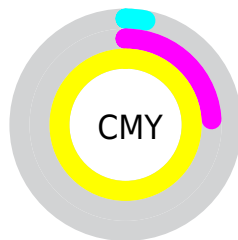
- Red (97%)
- Green (76%)
- Blue (0%)



- Red (27%)
- Yellow (97%)
- Blue (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (100%)
- Black (3%)



- Cyan (3%)
- Magenta (24%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.0300, -92.6988, 52.5937 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 188.0300, -92.6988, 52.5937 by changing the saturation by 10% instead.

188.0300,
-92.6988, 52.5937

188.0300,
-92.6988, 52.5937

255.0000, 0.0000,
0.0000

162.9120,
-80.3156, 47.4352

232.5710,
-73.2455, 19.6702

138.3810,
-68.2218, 41.7619

238.9260,
-61.5885, 14.0969

114.7360,
-56.5648, 36.1885

242.2320,
-48.9214, 11.1975

91.0910, -44.9079,
30.6152

245.5380,
-36.2542, 8.2982

69.2180, -34.1245,
25.2418

248.8440,
-23.5871, 5.3988

47.9320, -23.6305,
19.3536

252.2640,

28.4180, -14.0101,

-10.4832, 2.3995

13.6654

■ 5.6810, -2.8007,
11.6808

■ 0.0000, 0.0000,
0.0000

■ 188.0300,
-92.6988, 52.5937

■ 193.8150,
-83.2258, 47.5202

■ 200.1870,
-74.0422, 41.9320

■ 205.8580,
-65.0060, 36.9585

■ 212.2300,
-55.8224, 31.3703

■ 218.0150,
-46.3494, 26.2968

■ 223.8000,
-36.8764, 21.2234

■ 230.1720,
-27.6928, 15.6352

■ 235.8430,
-18.6566, 10.6617

■ 242.2150, -9.4730,
5.0734

Harmonies

Analogous

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



179.9060, -54.1837, 65.8574



188.0300, -92.6988, 52.5937



183.4380, -71.7009, -9.1541

Triad

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



188.0300, -92.6988, 52.5937



168.1890, 42.7978, -147.5018



192.7780, 30.6754, 54.5687

Complementary

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



188.0300, -92.6988, 52.5937



59.9700, 92.6988, -52.5937

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.



191.4850, 31.3129, -10.0723



188.0300, -92.6988, 52.5937



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.



188.0300, -92.6988, 52.5937



160.5510, 13.5324, -140.8032



154.6880, 49.4538, -135.6614



173.5430, 20.4383, 71.4378

Rectangle

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



188.0300, -92.6988, 52.5937



174.9320, -44.3365, -59.5764



154.6880, 49.4538, -135.6614



199.8220, 27.2028, 48.3911

Sweetspot

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



188.0300, -92.6988, 52.5937



236.3570, -28.2770, 16.3499



80.7640, -11.2227, 146.6660



116.8860, -17.1988, 9.7470



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.



188.0300, -92.6988, 52.5937



193.0580, -95.1776, 54.3231



199.9940, -98.5970, -15.7807



121.7570, -4.8102, 2.8441



143.3870, -70.6898, 40.0026



46.4150, -22.8826, 12.7910

Inverse Universe

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



59.9700, 92.6988, -52.5937



61.9420, 95.1776, -54.3231



48.0060, 98.5970, 15.7807



115.2430, 4.8102, -2.8441



45.6130, 70.6898, -40.0026



14.5850, 22.8826, -12.7910

Previews

White Background



This preview shows how the YUV color 188.0300, -92.6988, 52.5937 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 188.0300, -92.6988, 52.5937 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 188.0300, -92.6988, 52.5937

Background



This preview shows how black text looks on a background with the YUV color 188.0300, -92.6988, 52.5937.



This preview shows how white text looks on a background with the YUV color 188.0300, -92.6988, 52.5937.

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



Protanopia

187.8150, -86.6768, 34.3652

Deuteranopia

189.9580, -86.7473, 57.0418

Tritanopia

205.1950, -5.5191, 43.6790

Trichromacy



Protanomaly

187.9900, -88.7351, 41.2278

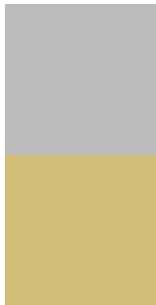
Deuteranomaly

189.0780, -88.7785, 55.1826

Tritanomaly

198.5520, -37.2471, 46.8739

Monochromacy



Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0000, -33.5240, 19.2940

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.0300, -92.6988, 52.5937 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(248, 194, 0)` looks like.

```
.text, #text, p{  
    color:rgb(248, 194, 0)  
}
```

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(248, 194, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 194, 0) }
```

Border

The CSS property to change the border of an element to YUV 188.0300, -92.6988, 52.5937 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(248, 194, 0) }
```

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

```
.border{ border-color:rgb(248, 194, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 194, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 194, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 194, 0);  
box-shadow:4px 4px 4px 4px rgb(248, 194,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 188.0300, -92.6988, 52.5937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 194, 0) }
```

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

```
.background{ background-color: rgb(248,  
194, 0) }
```

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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