

Converting Colors

YUV(188.0080, -92.6879,
49.1050)

Have a look what the booklet for
YUV(188.0080, -92.6879, 49.1050)
contains.

YUV(188.0080, -92.6879, 49.1050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(188.0080, -92.6879,
49.1050)**

Conversions

Conversions Part 1

Format	Color
Hex	F4C400
RGB	244, 196, 0
RGB Percent	96%, 77%, 0%
CMY	0.0431, 0.2314, 1.0000
CMYK	0.00, 0.20, 1.00, 0.04
HSL	48°, 100%, 48%
HSV	48°, 100%, 96%
XYZ	57.0482, 58.7130, 8.3260
YIQ	188.0080, 91.5240, -50.7800

Conversions

Conversions Part 2

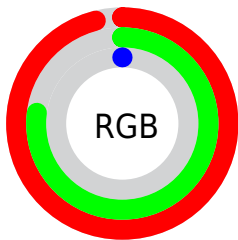
Format	Color
RYB	60, 244, 0
Decimal	16040960
CIELab	81.13, 3.09, 82.58
CIELCh	81, 82.640, 87.860
Yxy	58.7130, 0.4597, 0.4732
Android (android.graphics.Color)	4294231040 (0xFFFF4C400)
YUV	188.0080, -92.6879, 49.1050
Hunter-Lab	76.6244, -1.1964, 47.1946

Details

The YUV color **188.0080, -92.6879, 49.1050** 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 **55.9920, 92.6879, -49.1050**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.8590, -73.3875, 18.5407**, and **138.3590, -68.2110, 38.2732** is the 20% darker color. If you saturate the color by 10%, you get **188.0080, -92.6879, 49.1050**, and if you desaturate by 10%, it is **193.6790, -83.6517, 44.1315**.

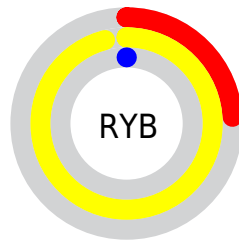
Distribution



Red (96%)

Green (77%)

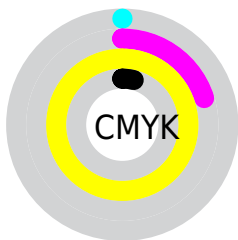
Blue (0%)



Red (24%)

Yellow (96%)

Blue (0%)

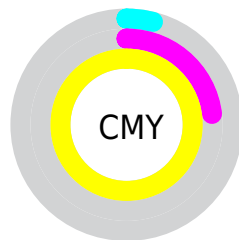


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.0080, -92.6879, 49.1050 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 188.0080, -92.6879, 49.1050 by changing the saturation by 10% instead.

188.0080,
-92.6879, 49.1050

188.0080,
-92.6879, 49.1050

255.0000, 0.0000,
0.0000

162.8900,
-80.3048, 43.9465

233.8590,
-73.3875, 18.5407

138.3590,
-68.2110, 38.2732

238.9260,
-61.5885, 14.0969

114.4260,
-56.4120, 33.8294

242.2320,
-48.9214, 11.1975

91.3680, -45.0444,
27.7413

245.5380,
-36.2542, 8.2982

69.1960, -34.1136,
21.7531

248.9580,
-23.1503, 5.2988

48.2090, -23.7670,
16.4797

252.2640,

28.4070, -14.0047,

-10.4832, 2.3995

11.9211

■ 5.3600, -2.6425,
7.5773

■ 0.0000, 0.0000,
0.0000

■ 188.0080,
-92.6879, 49.1050

■ 193.6790,
-83.6517, 44.1315

■ 199.4640,
-74.1788, 39.0581

■ 204.5480,
-64.8532, 34.5994

■ 210.3330,
-55.3802, 29.5260

■ 216.0040,
-46.3440, 24.5525

■ 221.6750,
-37.3078, 19.5790

■ 227.4600,
-27.8348, 14.5056

■ 232.5440,
-18.5092, 10.0469

■ 238.3290, -9.0362,
4.9735

Harmonies

Analogous

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



180.7380, -56.0728, 65.1278



188.0080, -92.6879, 49.1050



183.1000, -69.0693, -13.2427

Triad

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



188.0080, -92.6879, 49.1050



168.1890, 42.7978, -147.5018



192.1910, 30.9648, 55.0835

Complementary

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



188.0080, -92.6879, 49.1050



55.9920, 92.6879, -49.1050

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.



193.0020, 30.5650, -3.5098



188.0080, -92.6879, 49.1050



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.



188.0080, -92.6879, 49.1050



161.1210, 15.7163, -141.3031



153.5140, 50.0326, -134.6318



172.9730, 18.2543, 71.9377

Rectangle

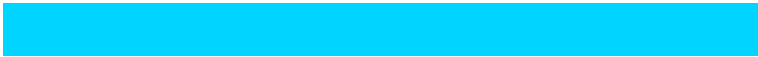
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



188.0080, -92.6879, 49.1050



173.9960, -41.4100, -64.8945



153.5140, 50.0326, -134.6318



199.2350, 27.4921, 48.9059

Sweetspot

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



188.0080, -92.6879, 49.1050



237.5310, -28.8558, 15.3203



78.5420, -14.5642, 145.1067



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.



188.0080, -92.6879, 49.1050



196.5800, -96.9139, 51.2343



194.3570, -95.8180, -20.4841



119.4580, -4.6628, 2.2293



143.6640, -70.8264, 37.1287



45.2300, -22.2984, 12.0763

Inverse Universe

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



55.9920, 92.6879, -49.1050



58.4200, 96.9139, -51.2343



49.6430, 95.8180, 20.4841



113.1290, 4.3734, -2.7441



42.9230, 70.5370, -37.6435



13.7700, 22.2984, -12.0763

Previews

White Background



This preview shows how the YUV color 188.0080, -92.6879, 49.1050 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 188.0080, -92.6879, 49.1050 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 188.0080, -92.6879, 49.1050 Background



This preview shows how black text looks on a background with the YUV color 188.0080, -92.6879, 49.1050.



This preview shows how white text looks on a background with the YUV color 188.0080, -92.6879,

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

188.0080, -92.6879, 49.1050

Protanopia

188.0000, -87.2610, 35.0800

Deuteranopia

190.4140, -85.0001, 56.6419



Tritanopia

205.1240, -4.4981, 42.8643

Trichromacy



Original Color

188.0080, -92.6879, 49.1050

Protanomaly

188.1640, -89.3139, 40.1982

Deuteranomaly

189.5940, -88.0468, 53.8531

Tritanomaly

198.7690, -36.3681, 44.9296

Monochromacy



Original Color

188.0080, -92.6879, 49.1050

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9890, -33.5186, 17.5496

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.0080, -92.6879, 49.1050 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(244, 196, 0)` looks like.

```
.text, #text, p{  
    color:rgb(244, 196, 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(244, 196, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 196, 0) }
```

Border

The CSS property to change the border of an element to YUV 188.0080, -92.6879, 49.1050 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(244, 196, 0) }
```


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

```
.border{ border-color:rgb(244, 196, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 196, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 196, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 196, 0);  
box-shadow:4px 4px 4px 4px rgb(244, 196,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 188.0080, -92.6879, 49.1050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 196, 0) }
```

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

```
.background{ background-color: rgb(244,  
196, 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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