

Converting Colors

YUV(207.2820, -64.7220,
39.2177)

Have a look what the booklet for
YUV(207.2820, -64.7220, 39.2177)
contains.

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Color

**YUV(207.2820, -64.7220,
39.2177)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD24C
RGB	252, 210, 76
RGB Percent	99%, 82%, 30%
CMY	0.0118, 0.1765, 0.7020
CMYK	0.00, 0.17, 0.70, 0.01
HSL	46°, 97%, 64%
HSV	46°, 70%, 99%
XYZ	64.4960, 67.3104, 16.4304
YIQ	207.2820, 68.0460, -32.7700

Conversions

Conversions Part 2

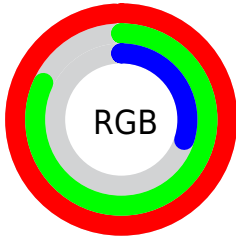
Format	Color
RYB	131, 252, 76
Decimal	16568908
CIELab	85.66, 1.18, 68.80
CIElCh	86, 68.809, 89.015
Yxy	67.3104, 0.4351, 0.4541
Android (android.graphics.Color)	4294758988 (0xFFFC24C)
YUV	207.2820, -64.7220, 39.2177
Hunter-Lab	82.0429, -3.2519, 45.5563

Details

The YUV color $207.2820, -64.7220, 39.2177$ 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 $120.7180, 64.7220, -39.2177$, and the grayscale version is $208.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.9780, -53.7262, 12.2973$, and $149.1370, -71.5525, 36.7139$ is the 20% darker color. If you saturate the color by 10%, you get $200.9100, -73.9056, 44.8059$, and if you desaturate by 10%, it is $213.6540, -55.5384, 33.6294$.

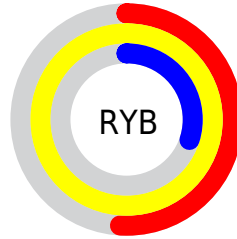
Distribution



Red (99%)

Green (82%)

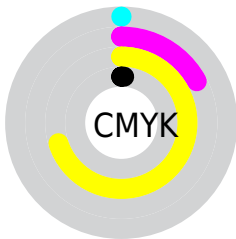
Blue (30%)



Red (51%)

Yellow (99%)

Blue (30%)

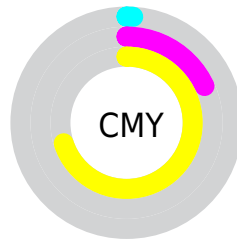


Cyan (0%)

Magenta (17%)

Yellow (70%)

Black (1%)



Cyan (1%)

Magenta (18%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 207.2820, -64.7220, 39.2177 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 207.2820, -64.7220, 39.2177 by changing the saturation by 10% instead.

207.2820,
-64.7220, 39.2177

207.2820,
-64.7220, 39.2177

255.0000, 0.0000,
0.0000

178.8580,
-65.0060, 36.9585

240.9780,
-53.7262, 12.2973

149.1370,
-71.5525, 36.7139

244.1700,
-41.4958, 9.4979

124.7480,
-61.5008, 32.6700

247.3620,
-29.2655, 6.6985

101.4020,
-49.9912, 27.7114

250.6680,
-16.5983, 3.7992

78.9420, -38.9184,
22.8529

253.9740, -3.9312,
0.8998

57.6560, -28.4244,
16.9647

36.9680, -18.2252,

12.3061

■ 17.7530, -8.7522,
7.2326

■ 0.0000, 0.0000,
0.0000

■ 207.2820,
-64.7220, 39.2177

■ 207.2820,
-64.7220, 39.2177

■ 200.9100,
-73.9056, 44.8059

■ 213.6540,
-55.5384, 33.6294

■ 194.5380,
-83.0892, 50.3942

■ 220.0260,
-46.3548, 28.0412

■ 188.0520,
-92.7096, 56.0824

■ 226.5120,
-36.7344, 22.3530

■ 232.8840,
-27.5508, 16.7647

■ 239.2560,
-18.3672, 11.1765

■ 245.6280, -9.1836,
5.5882

■ 252.0000, 0.0000,
0.0000

■ 254.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



197.0550, -46.8621, 50.8178



207.2820, -64.7220, 39.2177



200.9380, -53.2134, -12.2236

Triad

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



207.2820, -64.7220, 39.2177



172.8850, 40.4827, -151.6201



206.2790, 24.0195, 42.7283

Complementary

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



207.2820, -64.7220, 39.2177



120.7180, 64.7220, -39.2177

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.



208.9830, 22.6864, 3.5229



207.2820, -64.7220, 39.2177



168.7760, 42.5084, -148.0166

Square

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



207.2820, -64.7220, 39.2177



168.3420, 20.5374, -147.6359



175.2310, 39.3261, -107.1966



192.7830, 12.9250, 54.5643

Rectangle

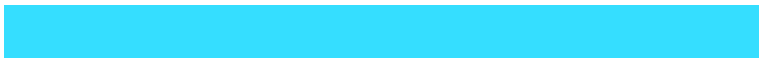
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



207.2820, -64.7220, 39.2177



193.1360, -33.5910, -52.7393



175.2310, 39.3261, -107.1966



210.9750, 21.7043, 38.6099

Sweetspot

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



207.2820, -64.7220, 39.2177



241.2130, -19.8250, 12.0912



133.6400, -6.7245, 103.8017



119.6560, -11.6624, 7.3177



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.



207.2820, -64.7220, 39.2177



200.6670, -78.7158, 47.6500



218.7800, -70.3905, -9.4541



121.7570, -4.8102, 2.8441



141.0390, -69.5322, 42.0618



45.8280, -22.5932, 13.3058

Inverse Universe

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



120.7180, 64.7220, -39.2177



95.3330, 78.7158, -47.6500



109.2200, 70.3905, 9.4541



115.2430, 4.8102, -2.8441



47.9610, 69.5322, -42.0618



15.7590, 22.3038, -13.8206

Previews

White Background



This preview shows how the YUV color 207.2820, -64.7220, 39.2177 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 207.2820, -64.7220, 39.2177 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 207.2820, -64.7220, 39.2177

Background



This preview shows how black text looks on a background with the YUV color 207.2820, -64.7220, 39.2177.



This preview shows how white text looks on a background with the YUV color 207.2820, -64.7220, 39.2177.

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

207.2820, -64.7220, 39.2177

Protanopia

206.4440, -63.8159, 28.5516

Deuteranopia

212.1010, -39.9828, 37.6224



Tritanopia

217.8130, -2.8658, 32.6130

Trichromacy



Original Color

207.2820, -64.7220, 39.2177

Protanomaly

206.7650, -63.9741, 32.6551

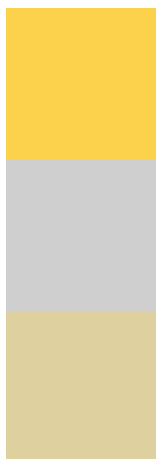
Deuteranomaly

210.1090, -48.8607, 38.4924

Tritanomaly

214.2760, -25.2791, 34.8379

Monochromacy



Original Color

207.2820, -64.7220, 39.2177

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

206.8990, -23.6142, 14.1206

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.2820, -64.7220, 39.2177 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(252, 210, 76)` looks like.

```
.text, #text, p{  
    color:rgb(252, 210, 76)  
}
```

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(252, 210, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 210, 76) }
```

Border

The CSS property to change the border of an element to YUV 207.2820, -64.7220, 39.2177 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(252, 210, 76) }
```


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

```
.border{ border-color:rgb(252, 210, 76) }
```

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

Here you see how a box with a 4 pixel rgb(252, 210, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 210, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 210, 76);  
box-shadow:4px 4px 4px 4px rgb(252, 210,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 207.2820, -64.7220, 39.2177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 210, 76) }
```

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

```
.background{ background-color: rgb(252,  
210, 76) }
```

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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