

Converting Colors

YUV(204.5770, -68.8115,
44.2210)

Have a look what the booklet for
YUV(204.5770, -68.8115, 44.2210)
contains.

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Color

**YUV(204.5770, -68.8115,
44.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCE41
RGB	255, 206, 65
RGB Percent	100%, 81%, 25%
CMY	0.0000, 0.1922, 0.7451
CMYK	0.00, 0.19, 0.75, 0.00
HSL	45°, 100%, 63%
HSV	45°, 75%, 100%
XYZ	64.2654, 65.7843, 14.3115
YIQ	204.5770, 74.4650, -33.4630

Conversions

Conversions Part 2

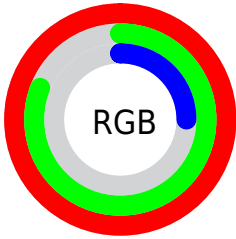
Format	Color
RYB	131, 255, 65
Decimal	16764481
CIELab	84.89, 4.00, 72.25
CIELCh	85, 72.364, 86.835
Yxy	65.7843, 0.4452, 0.4557
Android (android.graphics.Color)	4294954561 (0xFFFFCE41)
YUV	204.5770, -68.8115, 44.2210
Hunter-Lab	81.1075, -0.5038, 46.3135

Details

The YUV color **204.5770, -68.8115, 44.2210** 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 **115.4230, 68.8115, -44.2210**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.8380, -58.0941, 13.2971**, and **147.2300, -72.5844, 41.0173** is the 20% darker color. If you saturate the color by 10%, you get **197.5040, -78.1425, 50.4240**, and if you desaturate by 10%, it is **211.5360, -59.9172, 38.1179**.

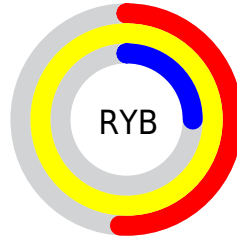
Distribution



Red (100%)

Green (81%)

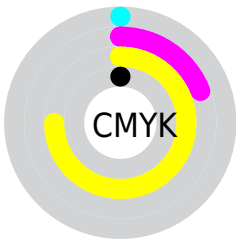
Blue (25%)



Red (51%)

Yellow (100%)

Blue (25%)

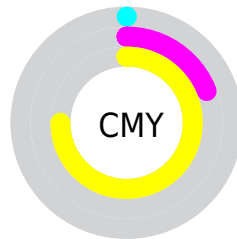


Cyan (0%)

Magenta (19%)

Yellow (75%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.5770, -68.8115, 44.2210 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 204.5770, -68.8115, 44.2210 by changing the saturation by 10% instead.

204.5770,
-68.8115, 44.2210

204.5770,
-68.8115, 44.2210

255.0000, 0.0000,
0.0000

175.6970,
-70.8426, 42.3617

239.8380,
-58.0941, 13.2971

147.2300,
-72.5844, 41.0173

243.0300,
-45.8638, 10.4977

122.9980,
-60.6380, 35.9588

246.2220,
-33.6334, 7.6983

100.2390,
-49.4178, 30.4854

249.5280,
-20.9663, 4.7989

77.4800, -38.1976,
25.0120

252.8340, -8.2992,
1.8996

56.1940, -27.7036,
19.1239

36.0930, -17.7938,

13.9504

■ 16.5900, -8.1789,
10.0066

■ 0.0000, 0.0000,
0.0000

■ 204.5770,
-68.8115, 44.2210

■ 204.5770,
-68.8115, 44.2210

■ 197.5040,
-78.1425, 50.4240

■ 211.5360,
-59.9172, 38.1179

■ 191.1320,
-87.3261, 56.0122

■ 218.0220,
-50.2968, 32.4297

■ 187.1880,
-92.2837, 59.4711

■ 225.0950,
-40.9658, 26.2267

■ 231.4670,
-31.7822, 20.6384

■ 238.5400,
-22.4512, 14.4354

■ 244.9120,
-13.2676, 8.8472

■ 251.8710, -4.3734,
2.7441

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



192.9630, -47.3098, 54.4064



204.5770, -68.8115, 44.2210



198.1080, -57.7342, -8.8647

Triad

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



204.5770, -68.8115, 44.2210



172.8850, 40.4827, -151.6201



203.9310, 25.1770, 44.7875

Complementary

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



204.5770, -68.8115, 44.2210



115.4230, 68.8115, -44.2210

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.



204.8080, 24.7447, -3.3396



204.5770, -68.8115, 44.2210



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.



204.5770, -68.8115, 44.2210



166.8430, 17.3324, -146.3213



159.3840, 47.1387, -139.7798



189.6030, 15.9717, 57.3532

Rectangle

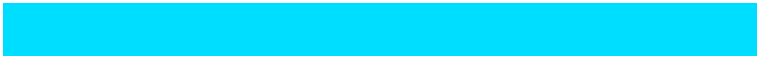
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



204.5770, -68.8115, 44.2210



190.2950, -38.1064, -51.1247



159.3840, 47.1387, -139.7798



209.8010, 22.2831, 39.6395

Sweetspot

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



204.5770, -68.8115, 44.2210



240.3980, -20.4092, 12.8060



127.6240, -5.7306, 111.7088



118.8410, -12.2466, 8.0324



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.



204.5770, -68.8115, 44.2210



194.4890, -82.0791, 53.0681



220.1840, -76.5057, -8.0544



124.1700, -4.5208, 3.3589



140.4630, -69.2483, 44.3209



46.7250, -23.0354, 15.1502

Inverse Universe

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



115.4230, 68.8115, -44.2210



88.5110, 82.0791, -53.0681



99.8160, 76.5057, 8.0544



118.2430, 4.8102, -2.8441



50.5370, 69.2483, -44.3209



16.6880, 23.3248, -14.6354

Previews

White Background



This preview shows how the YUV color 204.5770, -68.8115, 44.2210 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 204.5770, -68.8115, 44.2210 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 204.5770, -68.8115, 44.2210

Background



This preview shows how black text looks on a background with the YUV color 204.5770, -68.8115, 44.2210.



This preview shows how white text looks on a background with the YUV color 204.5770, -68.8115, 44.2210.

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

204.5770, -68.8115, 44.2210

Protanopia

203.8310, -67.4577, 29.9662

Deuteranopia

209.6730, -44.2088, 39.7518



Tritanopia

215.5960, -3.7448, 34.5573

Trichromacy



Original Color

204.5770, -68.8115, 44.2210

Protanomaly

203.7500, -67.9107, 35.2993

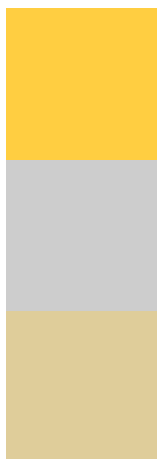
Deuteranomaly

207.9800, -53.2341, 41.2365

Tritanomaly

211.4290, -27.3265, 38.2118

Monochromacy



Original Color

204.5770, -68.8115, 44.2210

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.5680, -24.9300, 16.1649

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.5770, -68.8115, 44.2210 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(255, 206, 65)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 65)  
}
```

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(255, 206, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 65) }
```

Border

The CSS property to change the border of an element to YUV 204.5770, -68.8115, 44.2210 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(255, 206, 65) }
```


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

```
.border{ border-color:rgb(255, 206, 65) }
```

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

Here you see how a box with a 4 pixel rgb(255, 206, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 65);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 204.5770, -68.8115, 44.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 65) }
```

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

```
.background{ background-color: rgb(255,  
206, 65) }
```

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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