

Converting Colors

YUV(211.1770, -58.7543,
38.4328)

Have a look what the booklet for
YUV(211.1770, -58.7543, 38.4328)
contains.

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Color

**YUV(211.1770, -58.7543,
38.4328)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD45C
RGB	255, 212, 92
RGB Percent	100%, 83%, 36%
CMY	0.0000, 0.1686, 0.6392
CMYK	0.00, 0.17, 0.64, 0.00
HSL	44°, 100%, 68%
HSV	44°, 64%, 100%
XYZ	66.7153, 69.1197, 19.9504
YIQ	211.1770, 64.1480, -28.2040

Conversions

Conversions Part 2

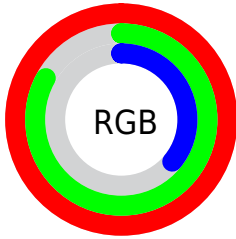
Format	Color
RYB	150, 255, 92
Decimal	16766044
CIELab	86.56, 2.27, 63.24
CIELCh	87, 63.279, 87.940
Yxy	69.1197, 0.4283, 0.4437
Android (android.graphics.Color)	4294956124 (0xFFFFD45C)
YUV	211.1770, -58.7543, 38.4328
Hunter-Lab	83.1382, -2.2525, 43.9692

Details

The YUV color $211.1770, -58.7543, 38.4328$ is a light color, and the websafe version is hex FFCC66 . The color can be described as light muted yellow. A complement of this color would be $135.8230, 58.7543, -38.4328$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.6880, -47.1742, 10.7976$, and $155.0410, -59.1802, 35.0440$ is the 20% darker color. If you saturate the color by 10%, you get $204.2180, -67.6485, 44.5358$, and if you desaturate by 10%, it is $218.2500, -49.4232, 32.2298$.

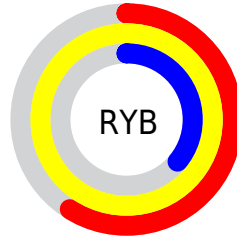
Distribution



Red (100%)

Green (83%)

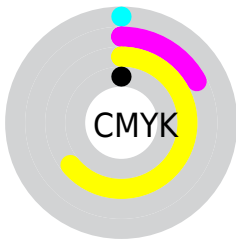
Blue (36%)



Red (59%)

Yellow (100%)

Blue (36%)

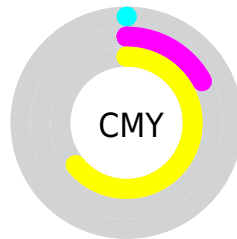


Cyan (0%)

Magenta (17%)

Yellow (64%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.1770, -58.7543, 38.4328 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 211.1770, -58.7543, 38.4328 by changing the saturation by 10% instead.

211.1770,
-58.7543, 38.4328

211.1770,
-58.7543, 38.4328

255.0000, 0.0000,
0.0000

182.6930,
-58.0226, 37.1032

242.6880,
-47.1742, 10.7976

155.0410,
-59.1802, 35.0440

245.7660,
-35.3806, 8.0982

126.8190,
-62.5218, 33.4847

249.0720,
-22.7135, 5.1989

103.7720,
-51.1596, 29.1410

252.3780,
-10.0464, 2.2995

81.3120, -40.0868,
24.2824

59.4390, -29.3034,
18.9090

39.0390, -19.2462,

13.1208

■ 20.1230, -9.9206,
8.6621

■ 0.0000, 0.0000,
0.0000

■ 211.1770,
-58.7543, 38.4328

■ 211.1770,
-58.7543, 38.4328

■ 204.2180,
-67.6485, 44.5358

■ 218.2500,
-49.4232, 32.2298

■ 197.7320,
-77.2689, 50.2240

■ 224.6220,
-40.2396, 26.6415

■ 190.7730,
-86.1631, 56.3271

■ 231.6950,
-30.9086, 20.4385

■ 186.6010,
-91.9943, 59.9859

■ 238.6540,
-22.0144, 14.3354

■ 245.7270,
-12.6834, 8.1324

■ 252.0990, -3.4998,
2.5442

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.



200.9990, -41.9045, 47.3589



211.1770, -58.7543, 38.4328



205.3990, -49.0037, -9.1199

Triad

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



211.1770, -58.7543, 38.4328



173.4720, 40.1933, -152.1349



210.3880, 21.9937, 39.1247

Complementary

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



211.1770, -58.7543, 38.4328



135.8230, 58.7543, -38.4328

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.



211.9180, 21.2394, 0.9489



211.1770, -58.7543, 38.4328



169.3630, 42.2190, -148.5314

Square

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



211.1770, -58.7543, 38.4328



168.9290, 20.2480, -148.1507



186.5710, 33.7355, -87.3238



198.5220, 12.0677, 49.5312

Rectangle

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



211.1770, -58.7543, 38.4328



198.8210, -32.4498, -45.4470



186.5710, 33.7355, -87.3238



215.0840, 19.6786, 35.0063

Sweetspot

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



211.1770, -58.7543, 38.4328



241.8970, -17.2042, 11.4913



145.6390, -5.2450, 95.9096



119.8840, -10.7888, 7.1177



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.



211.1770, -58.7543, 38.4328



202.1320, -70.5641, 46.3652



225.0560, -65.5966, -7.0651



124.1700, -4.5208, 3.3589



139.8760, -68.9589, 44.8357



46.7250, -23.0354, 15.1502

Inverse Universe

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



135.8230, 58.7543, -38.4328



111.2810, 70.8535, -45.8504



121.9440, 65.5966, 7.0651



118.2430, 4.8102, -2.8441



51.1240, 68.9589, -44.8357



17.2750, 23.0354, -15.1502

Previews

White Background



This preview shows how the YUV color 211.1770, -58.7543, 38.4328 looks on a white background.

Color Contrast Check

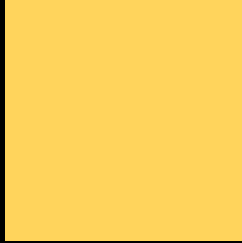
Large Text (above 18pt) WCAG AA × Fail

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 211.1770, -58.7543, 38.4328 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 211.1770, -58.7543, 38.4328

Background



This preview shows how black text looks on a background with the YUV color 211.1770, -58.7543, 38.4328.



This preview shows how white text looks on a background with the YUV color 211.1770, -58.7543, 38.4328.

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

211.1770, -58.7543, 38.4328

Protanopia

210.1540, -57.2639, 27.0519

Deuteranopia

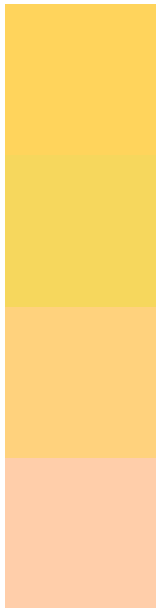
215.3440, -35.1726, 34.7783



Tritanopia

219.9160, -2.4236, 30.7687

Trichromacy



Original Color

211.1770, -58.7543, 38.4328

Protanomaly

210.3610, -57.8590, 31.2554

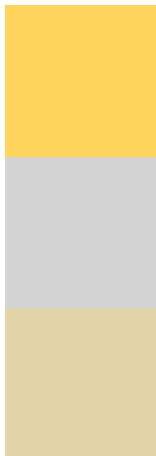
Deuteranomaly

213.7650, -43.7611, 36.1631

Tritanomaly

216.5470, -22.9477, 33.7233

Monochromacy



Original Color

211.1770, -58.7543, 38.4328

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.8820, -21.1408, 14.1355

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.1770, -58.7543, 38.4328 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, 212, 92)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 92)  
}
```

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, 212, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 92) }
```

Border

The CSS property to change the border of an element to YUV 211.1770, -58.7543, 38.4328 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, 212, 92) }
```


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

```
.border{ border-color:rgb(255, 212, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 92);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 211.1770, -58.7543, 38.4328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 92) }
```

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

```
.background{ background-color: rgb(255,  
212, 92) }
```

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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