

Converting Colors

YUV(201.1870, -53.8292,
45.4400)

Have a look what the booklet for
YUV(201.1870, -53.8292, 45.4400)
contains.

YUV(201.1870, -53.8292, 45.4400)	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(201.1870, -53.8292,
45.4400)**

Conversions

Conversions Part 1

Format	Color
Hex	FDC45C
RGB	253, 196, 92
RGB Percent	99%, 77%, 36%
CMY	0.0078, 0.2314, 0.6392
CMYK	0.00, 0.23, 0.64, 0.01
HSL	39°, 98%, 68%
HSV	39°, 64%, 99%
XYZ	62.1797, 61.1352, 18.6483
YIQ	201.1870, 67.3560, -20.2600

Conversions

Conversions Part 2

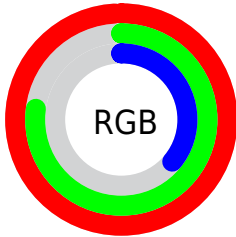
Format	Color
R_{YB}	180, 253, 92
Decimal	16630876
CIE _{Lab}	82.45, 9.69, 58.68
CIE _{LCh}	82, 59.471, 80.622
Yxy	61.1352, 0.4380, 0.4306
Android (android.graphics.Color)	4294820956 (0xFFFD C45C)
YUV	201.1870, -53.8292, 45.4400
Hunter-Lab	78.1890, 5.1211, 40.5915

Details

The YUV color **201.1870, -53.8292, 45.4400** 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 **143.8130, 53.8292, -45.4400**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.8130, -46.7428, 12.4420**, and **145.9800, -53.2341, 41.2365** is the 20% darker color. If you saturate the color by 10%, you get **193.0540, -62.1446, 52.5726**, and if you desaturate by 10%, it is **209.3200, -45.5138, 38.3074**.

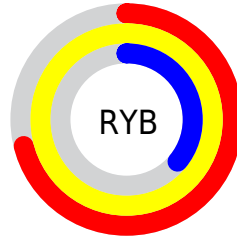
Distribution



Red (99%)

Green (77%)

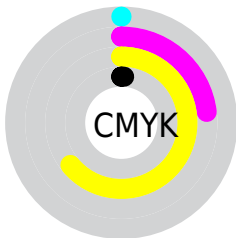
Blue (36%)



Red (71%)

Yellow (99%)

Blue (36%)

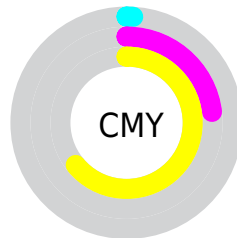


Cyan (0%)

Magenta (23%)

Yellow (64%)

Black (1%)



Cyan (1%)

Magenta (23%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.1870, -53.8292, 45.4400 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 201.1870, -53.8292, 45.4400 by changing the saturation by 10% instead.

201.1870,
-53.8292, 45.4400

201.1870,
-53.8292, 45.4400

255.0000, 0.0000,
0.0000

173.4040,
-52.9502, 43.4957

240.8130,
-46.7428, 12.4420

145.9800,
-53.2341, 41.2365

245.6520,
-35.8174, 8.1982

117.4160,
-57.8861, 39.9772

248.8440,
-23.5871, 5.3988

94.6570, -46.6659,
34.5038

252.1500,
-10.9200, 2.4994

72.1970, -35.5931,
29.6452

50.9110, -25.0991,
23.7571

30.8100, -15.1893,

18.5836

■ 8.9590, -4.4168,
16.6990

■ 0.0000, 0.0000,
0.0000

■ 201.1870,
-53.8292, 45.4400

■ 201.1870,
-53.8292, 45.4400

■ 193.0540,
-62.1446, 52.5726

■ 209.3200,
-45.5138, 38.3074

■ 184.8070,
-70.8969, 59.8053

■ 217.5670,
-36.7615, 31.0747

■ 176.6740,
-79.2123, 66.9379

■ 225.7000,
-28.4461, 23.9421

■ 171.3280,
-84.4647, 71.6263

■ 233.8330,
-20.1307, 16.8095

■ 242.0800,
-11.3784, 9.5768

■ 250.2130, -3.0630,
2.4442

■ 254.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



192.7640, -35.3797, 54.5810



201.1870, -53.8292, 45.4400



196.3620, -49.4785, 3.1905

Triad

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



201.1870, -53.8292, 45.4400



164.4730, 38.7138, -144.2428



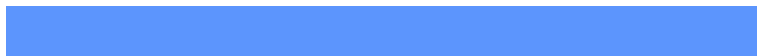
208.0400, 23.1513, 41.1839

Complementary

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



201.1870, -53.8292, 45.4400



143.8130, 53.8292, -45.4400

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.



198.5290, 27.8402, -16.2499



201.1870, -53.8292, 45.4400



162.9060, 45.4023, -142.8686

Square

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



201.1870, -53.8292, 45.4400



157.2740, 13.6689, -137.9293



162.7390, 45.4847, -122.5511



195.2280, 14.6776, 52.4200

Rectangle

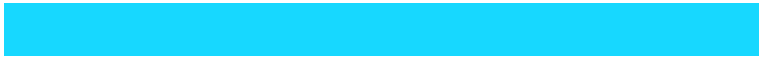
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



201.1870, -53.8292, 45.4400



191.4810, -36.7191, -29.3628



162.7390, 45.4847, -122.5511



206.7560, 23.7843, 24.7700

Sweetspot

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



201.1870, -53.8292, 45.4400



239.5490, -16.0467, 13.5505



146.8650, 2.0386, 93.0804



118.1230, -9.9206, 8.6621



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.



201.1870, -53.8292, 45.4400



192.3810, -64.7708, 54.9169



228.3670, -67.2289, 3.1861



123.5830, -4.2314, 3.8737



129.8970, -64.0392, 53.5873



43.2030, -21.2991, 18.2390

Inverse Universe

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



143.8130, 53.8292, -45.4400



123.6190, 64.7708, -54.9169



116.6330, 67.2289, -3.1861



118.8300, 4.5208, -3.3589



61.6900, 63.7498, -54.1021



20.7970, 21.2991, -18.2390

Previews

White Background



This preview shows how the YUV color 201.1870, -53.8292, 45.4400 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 201.1870, -53.8292, 45.4400 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 201.1870, -53.8292, 45.4400

Background



This preview shows how black text looks on a background with the YUV color 201.1870, -53.8292, 45.4400.



This preview shows how white text looks on a background with the YUV color 201.1870, -53.8292, 45.4400.

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

201.1870, -53.8292, 45.4400

Protanopia

199.9240, -51.7275, 24.6227

Deuteranopia

200.8990, -53.6872, 46.5696



Tritanopia

208.7000, -4.7821, 40.6051

Trichromacy



Original Color

201.1870, -53.8292, 45.4400

Protanomaly

200.1530, -52.3334, 32.3148

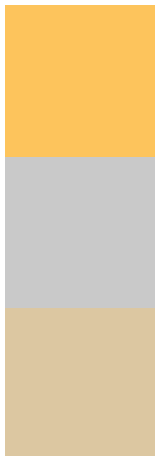
Deuteranomaly

200.8990, -53.6872, 46.5696

Tritanomaly

205.7160, -22.5380, 42.3451

Monochromacy



Original Color

201.1870, -53.8292, 45.4400

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.9470, -19.6939, 16.7095

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.1870, -53.8292, 45.4400 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(253, 196, 92)` looks like.

```
.text, #text, p{  
    color:rgb(253, 196, 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(253, 196, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 196, 92) }
```

Border

The CSS property to change the border of an element to YUV 201.1870, -53.8292, 45.4400 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(253, 196, 92) }
```


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

```
.border{ border-color:rgb(253, 196, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 196, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 196, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 196, 92);  
box-shadow:4px 4px 4px 4px rgb(253, 196,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 201.1870, -53.8292, 45.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 196, 92) }
```

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

```
.background{ background-color: rgb(253,  
196, 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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