

Converting Colors

YUV(205.4780, -65.3117,
41.6768)

Have a look what the booklet for
YUV(205.4780, -65.3117, 41.6768)
contains.

YUV(205.4780, -65.3117, 41.6768)	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(205.4780, -65.3117,
41.6768)**

Conversions

Conversions Part 1

Format	Color
Hex	FDCF49
RGB	253, 207, 73
RGB Percent	99%, 81%, 29%
CMY	0.0078, 0.1882, 0.7137
CMYK	0.00, 0.18, 0.71, 0.01
HSL	45°, 98%, 64%
HSV	45°, 71%, 99%
XYZ	64.0234, 65.9893, 15.6661
YIQ	205.4780, 70.4300, -31.9220

Conversions

Conversions Part 2

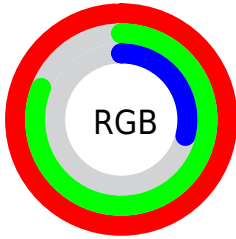
Format	Color
RYB	135, 253, 73
Decimal	16633673
CIELab	84.99, 2.99, 69.32
CIELCh	85, 69.386, 87.528
Yxy	65.9893, 0.4395, 0.4530
Android (android.graphics.Color)	4294823753 (0xFFFD49)
YUV	205.4780, -65.3117, 41.6768
Hunter-Lab	81.2338, -1.4766, 45.4294

Details

The YUV color **205.4780, -65.3117, 41.6768** 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 **120.5220, 65.3117, -41.6768**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6360, -55.0365, 12.5972**, and **147.2190, -72.5790, 39.2729** is the 20% darker color. If you saturate the color by 10%, you get **199.1060, -74.4953, 47.2650**, and if you desaturate by 10%, it is **211.8500, -56.1280, 36.0886**.

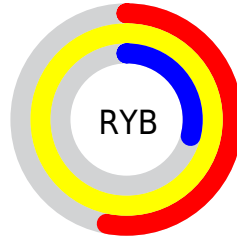
Distribution



Red (99%)

Green (81%)

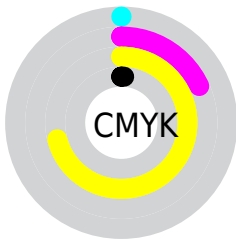
Blue (29%)



Red (53%)

Yellow (99%)

Blue (29%)

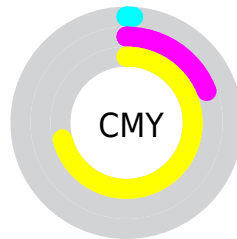


Cyan (0%)

Magenta (18%)

Yellow (71%)

Black (1%)



Cyan (1%)

Magenta (19%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.4780, -65.3117, 41.6768 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 205.4780, -65.3117, 41.6768 by changing the saturation by 10% instead.

205.4780,
-65.3117, 41.6768

205.4780,
-65.3117, 41.6768

255.0000, 0.0000,
0.0000

176.9400,
-66.0324, 39.5176

240.6360,
-55.0365, 12.5972

147.2190,
-72.5790, 39.2729

243.8280,
-42.8062, 9.7978

123.2860,
-60.7800, 34.8292

247.0200,
-30.5759, 6.9985

100.5270,
-49.5598, 29.3558

250.3260,
-17.9087, 4.0991

77.7680, -38.3396,
23.8825

253.6320, -5.2416,
1.1997

55.8950, -27.5562,
18.5091

35.7940, -17.6464,

13.3357

■ 16.2910, -8.0315,
9.3918

■ 0.0000, 0.0000,
0.0000

■ 205.4780,
-65.3117, 41.6768

■ 205.4780,
-65.3117, 41.6768

■ 199.1060,
-74.4953, 47.2650

■ 211.8500,
-56.1280, 36.0886

■ 192.0330,
-83.8263, 53.4681

■ 218.9230,
-46.7970, 29.8855

■ 186.0030,
-91.6995, 58.7564

■ 225.2950,
-37.6134, 24.2973

■ 232.2540,
-28.7192, 18.1942

■ 238.7400,
-19.0988, 12.5060

■ 245.6990,
-10.2046, 6.4030

■ 252.0710, -1.0210,
0.8147

■ 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.



194.7070, -45.7046, 52.8770



205.4780, -65.3117, 41.6768



198.9060, -54.6767, -9.5646

Triad

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



205.4780, -65.3117, 41.6768



172.2980, 40.7721, -151.1053



205.1050, 24.5982, 43.7579

Complementary

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



205.4780, -65.3117, 41.6768



120.5220, 65.3117, -41.6768

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.



206.0040, 24.1550, -0.8805



205.4780, -65.3117, 41.6768



168.1890, 42.7978, -147.5018

Square

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



205.4780, -65.3117, 41.6768



166.4840, 18.4954, -146.0065



158.7970, 47.4281, -139.2650



191.7230, 13.9406, 55.4939

Rectangle

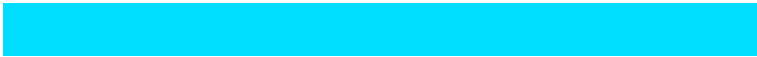
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



205.4780, -65.3117, 41.6768



191.8760, -35.9279, -49.8803



158.7970, 47.4281, -139.2650



210.3880, 21.9937, 39.1247

Sweetspot

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



205.4780, -65.3117, 41.6768



240.6260, -19.5356, 12.6060



132.2920, -5.5670, 105.8609



119.0690, -11.3730, 7.8325



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.



205.4780, -65.3117, 41.6768



197.9770, -78.8687, 50.0092



219.9220, -72.4325, -7.8246



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.



120.5220, 65.3117, -41.6768



95.6100, 78.5793, -50.5240



106.0780, 72.4325, 7.8246



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 205.4780, -65.3117, 41.6768 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 205.4780, -65.3117, 41.6768 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 205.4780, -65.3117, 41.6768

Background



This preview shows how black text looks on a background with the YUV color 205.4780, -65.3117, 41.6768.



This preview shows how white text looks on a background with the YUV color 205.4780, -65.3117,

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

205.4780, -65.3117, 41.6768

Protanopia

204.4440, -63.8159, 28.5516

Deuteranopia

209.9010, -43.3352, 39.5518



Tritanopia

215.7100, -3.3080, 34.4573

Trichromacy



Original Color

205.4780, -65.3117, 41.6768

Protanomaly

204.9500, -64.5584, 33.3698

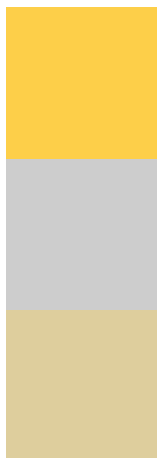
Deuteranomaly

208.1370, -51.3395, 40.2219

Tritanomaly

212.1730, -25.7213, 36.6823

Monochromacy



Original Color

205.4780, -65.3117, 41.6768

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.1980, -23.7616, 14.7354

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.4780, -65.3117, 41.6768 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, 207, 73)` looks like.

```
.text, #text, p{  
    color:rgb(253, 207, 73)  
}
```

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, 207, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 207, 73) }
```

Border

The CSS property to change the border of an element to YUV 205.4780, -65.3117, 41.6768 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, 207, 73) }
```


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

```
.border{ border-color:rgb(253, 207, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 207, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 207, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 207, 73);  
box-shadow:4px 4px 4px 4px rgb(253, 207,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 205.4780, -65.3117, 41.6768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 207, 73) }
```

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

```
.background{ background-color: rgb(253,  
207, 73) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor