

Converting Colors

YUV(205.4480, -56.4229,
37.3181)

Have a look what the booklet for
YUV(205.4480, -56.4229, 37.3181)
contains.

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Color

**YUV(205.4480, -56.4229,
37.3181)**

Conversions

Conversions Part 1

Format	Color
Hex	F8CE5B
RGB	248, 206, 91
RGB Percent	97%, 81%, 36%
CMY	0.0275, 0.1922, 0.6431
CMYK	0.00, 0.17, 0.63, 0.03
HSL	44°, 92%, 66%
HSV	44°, 63%, 97%
XYZ	62.6710, 64.8544, 19.1126
YIQ	205.4480, 61.9470, -26.8610

Conversions

Conversions Part 2

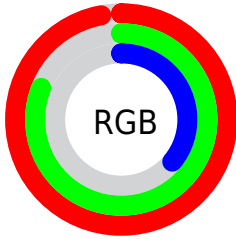
Format	Color
RYB	148, 248, 91
Decimal	16305755
CIELab	84.41, 2.39, 61.14
CIElCh	84, 61.183, 87.757
Yxy	64.8544, 0.4274, 0.4423
Android (android.graphics.Color)	4294495835 (0xFFFF8CE5B)
YUV	205.4480, -56.4229, 37.3181
Hunter-Lab	80.5322, -2.0208, 42.3014

Details

The YUV color **205.4480, -56.4229, 37.3181** 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 **133.5520, 56.4229, -37.3181**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.4600, -48.0478, 10.9976**, and **149.4260, -56.4120, 33.8294** is the 20% darker color. If you saturate the color by 10%, you get **198.4890, -65.3171, 43.4211**, and if you desaturate by 10%, it is **212.4070, -47.5287, 31.2151**.

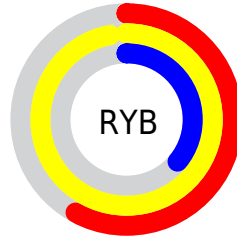
Distribution



Red (97%)

Green (81%)

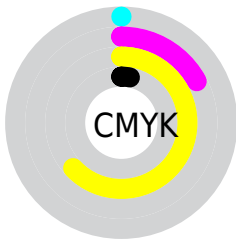
Blue (36%)



Red (58%)

Yellow (97%)

Blue (36%)

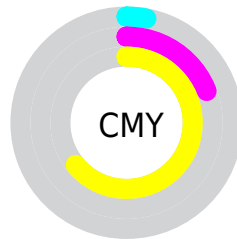


Cyan (0%)

Magenta (17%)

Yellow (63%)

Black (3%)



Cyan (3%)

Magenta (19%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.4480, -56.4229, 37.3181 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 205.4480, -56.4229, 37.3181 by changing the saturation by 10% instead.

205.4480,
-56.4229, 37.3181

205.4480,
-56.4229, 37.3181

255.0000, 0.0000,
0.0000

177.5510,
-55.9806, 35.4738

242.4600,
-48.0478, 10.9976

149.4260,
-56.4120, 33.8294

245.6520,
-35.8174, 8.1982

121.5030,
-59.9010, 32.8849

248.8440,
-23.5871, 5.3988

98.7440, -48.6808,
27.4115

252.1500,
-10.9200, 2.4994

76.5830, -37.7554,
23.1677

54.7100, -26.9720,
17.7943

34.6090, -17.0622,

12.6209

■ 14.8070, -7.2999,
8.0623

■ 0.0000, 0.0000,
0.0000

■ 205.4480,
-56.4229, 37.3181

■ 205.4480,
-56.4229, 37.3181

■ 198.4890,
-65.3171, 43.4211

■ 212.4070,
-47.5287, 31.2151

■ 192.1170,
-74.5007, 49.0094

■ 218.7790,
-38.3450, 25.6268

■ 185.2720,
-82.9581, 55.0125

■ 225.6240,
-29.8876, 19.6238

■ 180.9860,
-89.2261, 58.7713

■ 232.5830,
-20.9934, 13.5207

■ 238.9550,
-11.8098, 7.9325

■ 245.9140, -2.9156,
1.8294

■ 251.1460, 1.9000,
-2.7590

■ 252.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



197.8360, -41.3311, 50.1328



205.4480, -56.4229, 37.3181



199.5670, -47.1145, -8.3903

Triad

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



205.4480, -56.4229, 37.3181



169.3630, 42.2190, -148.5314



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.



205.4480, -56.4229, 37.3181



133.5520, 56.4229, -37.3181

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.



206.6020, 23.8602, 0.3490



205.4480, -56.4229, 37.3181



165.2540, 44.2448, -144.9278

Square

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



205.4480, -56.4229, 37.3181



163.5490, 19.9423, -143.4325



183.0490, 35.4718, -84.2350



196.0770, 10.3150, 51.6755

Rectangle

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



205.4480, -56.4229, 37.3181



193.4730, -31.2922, -43.3878



183.0490, 35.4718, -84.2350



212.1490, 21.1255, 37.5803

Sweetspot

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



205.4480, -56.4229, 37.3181



241.8970, -17.2042, 11.4913



142.9590, -3.9238, 92.1210



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.



205.4480, -56.4229, 37.3181



202.3600, -69.6905, 46.1653



219.9360, -63.5654, -5.2059



121.7570, -4.8102, 2.8441



137.5170, -67.7959, 45.1506



44.6540, -22.0144, 14.3354

Inverse Universe

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



133.5520, 56.4229, -37.3181



113.6400, 69.6905, -46.1653



119.0640, 63.5654, 5.2059



115.8300, 4.5208, -3.3589



50.8960, 68.0853, -44.6358



16.3460, 22.0144, -14.3354

Previews

White Background



This preview shows how the YUV color 205.4480, -56.4229, 37.3181 looks on a white background.

Color Contrast Check

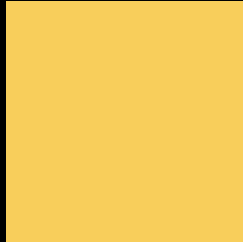
Large Text (above 18pt) WCAG AA × Fail

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 205.4480, -56.4229, 37.3181 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 205.4480, -56.4229, 37.3181 Background



This preview shows how black text looks on a background with the YUV color 205.4480, -56.4229, 37.3181.



This preview shows how white text looks on a background with the YUV color 205.4480, -56.4229, 37.3181.

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

205.4480, -56.4229, 37.3181

Protanopia

204.4250, -54.9325, 25.9373

Deuteranopia

208.2710, -44.5036, 40.9813



Tritanopia

214.5360, -2.7292, 35.4869

Trichromacy



Original Color

205.4480, -56.4229, 37.3181

Protanomaly

204.6320, -55.5276, 30.1407

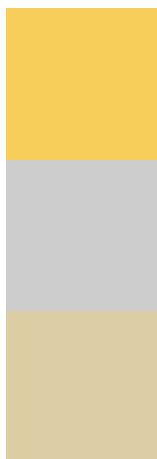
Deuteranomaly

206.8210, -48.7188, 39.6220

Tritanomaly

211.0850, -22.2269, 35.8825

Monochromacy



Original Color

205.4480, -56.4229, 37.3181

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.1100, -20.2672, 13.9355

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.4480, -56.4229, 37.3181 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(248, 206, 91)` looks like.

```
.text, #text, p{  
    color:rgb(248, 206, 91)  
}
```

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(248, 206, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 206, 91) }
```

Border

The CSS property to change the border of an element to YUV 205.4480, -56.4229, 37.3181 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(248, 206, 91) }
```


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

```
.border{ border-color:rgb(248, 206, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 206, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 206, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 206, 91);  
box-shadow:4px 4px 4px 4px rgb(248, 206,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 205.4480, -56.4229, 37.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 206, 91) }
```

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

```
.background{ background-color: rgb(248,  
206, 91) }
```

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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