

Converting Colors

YUV(204.4390, -56.4184,
-10.9090)

Have a look what the booklet for
YUV(204.4390, -56.4184, -10.9090)
contains.

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Color

**YUV(204.4390, -56.4184,
-10.9090)**

Conversions

Conversions Part 1

Format	Color
Hex	C0E95A
RGB	192, 233, 90
RGB Percent	75%, 91%, 35%
CMY	0.2471, 0.0863, 0.6471
CMYK	0.18, 0.00, 0.61, 0.09
HSL	77°, 76%, 63%
HSV	77°, 61%, 91%
XYZ	52.7226, 70.2225, 20.4484
YIQ	204.4390, 21.4670, -53.1650

Conversions

Conversions Part 2

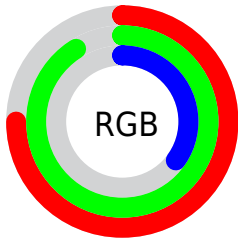
Format	Color
RYB	90, 233, 131
Decimal	12642650
CIELab	87.11, -33.60, 63.24
CIElCh	87, 71.607, 117.982
Yxy	70.2225, 0.3677, 0.4897
Android (android.graphics.Color)	4290832730 (0xFFC0E95A)
YUV	204.4390, -56.4184, -10.9090
Hunter-Lab	83.7989, -34.3435, 44.1914

Details

The YUV color **204.4390, -56.4184, -10.9090** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **118.5610, 56.4184, 10.9090**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.2640, -47.4582, 8.5385**, and **147.6840, -58.0182, -11.1239** is the 20% darker color. If you saturate the color by 10%, you get **199.7240, -65.4329, -12.9129**, and if you desaturate by 10%, it is **209.1540, -47.4039, -8.9051**.

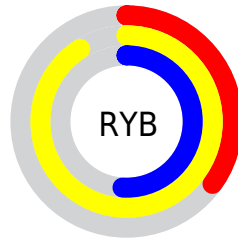
Distribution



Red (75%)

Green (91%)

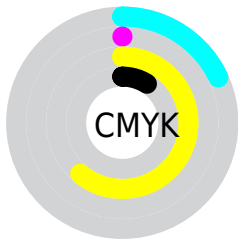
Blue (35%)



Red (35%)

Yellow (91%)

Blue (51%)

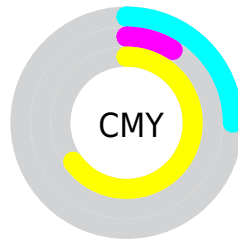


Cyan (18%)

Magenta (0%)

Yellow (61%)

Black (9%)



Cyan (25%)

Magenta (9%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.4390, -56.4184, -10.9090 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 204.4390, -56.4184, -10.9090 by changing the saturation by 10% instead.

■ 204.4390,
-56.4184, -10.9090

■ 204.4390,
-56.4184, -10.9090

255.0000, 0.0000,
0.0000

■ 176.1400,
-56.2710, -11.5238

■ 241.2640,
-47.4582, 8.5385

■ 147.6840,
-58.0182, -11.1239

■ 245.6520,
-35.8174, 8.1982

■ 120.0430,
-59.1812, -11.4387

■ 248.9580,
-23.1503, 5.2988

■ 96.7080, -47.6770,
-14.6529

■ 252.2640,
-10.4832, 2.3995

■ 73.9600, -36.4623,
-18.3819

■ 50.6030, -24.9473,
-25.0848

■ 30.5240, -15.0483,

-26.7695

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 204.4390,
-56.4184, -10.9090

■ 204.4390,
-56.4184, -10.9090

■ 199.7240,
-65.4329, -12.9129

■ 209.1540,
-47.4039, -8.9051

■ 195.1940,
-75.0316, -14.2021

■ 213.6840,
-37.8052, -7.6159

■ 190.4790,
-84.0461, -16.2061

■ 218.3990,
-28.7907, -5.6119

■ 186.4050,
-91.8977, -17.8952

■ 223.1140,
-19.7762, -3.6080

■ 227.5300,
-10.6143, -2.2188

■ 232.3590, -1.1630,
-0.3148

■ 237.0740, 7.8515,
1.6891

■ 239.0960, 7.8407,
5.1778

■ 241.1890, 6.8088,
9.4812

Harmonies

Analogous

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



209.5980, -67.3428, 39.8176



204.4390, -56.4184, -10.9090



190.0170, -23.1794, -78.9449

Triad

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



204.4390, -56.4184, -10.9090



171.7110, 41.0615, -150.5905



194.1680, 15.6932, 53.3497

Complementary

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



204.4390, -56.4184, -10.9090



118.5610, 56.4184, 10.9090

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.



207.4530, 23.4407, 41.6987



204.4390, -56.4184, -10.9090



162.3190, 45.6917, -142.3538

Square

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



204.4390, -56.4184, -10.9090



176.4070, 38.7463, -154.7089



211.3310, 21.5288, 1.4637



190.5250, -16.0348, 56.5446

Rectangle

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



204.4390, -56.4184, -10.9090



168.1820, 9.7703, -147.4956



211.3310, 21.5288, 1.4637



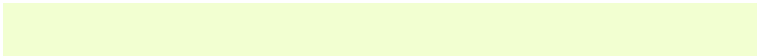
199.1380, 24.5820, 48.9910

Sweetspot

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



204.4390, -56.4184, -10.9090



245.8690, -18.1764, -3.3931



156.8240, -32.9442, 66.8064



122.0030, -11.3405, -2.6336



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.



204.4390, -56.4184, -10.9090



217.3080, -74.5948, -14.3021



183.2100, -45.9525, -54.5582



114.8490, -4.3626, -0.7446



144.8180, -71.3953, -13.8724



43.0600, -21.2286, -4.4376

Inverse Universe

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



118.5610, 56.4184, 10.9090



103.6920, 74.5948, 14.3021



139.7900, 45.9525, 54.5582



108.1510, 4.3626, 0.7446



36.1820, 71.3953, 13.8724



10.6410, 21.3760, 3.8228

Previews

White Background



This preview shows how the YUV color 204.4390, -56.4184, -10.9090 looks on a white background.

Color Contrast Check

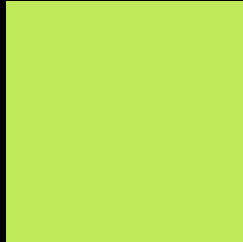
Large Text (above 18pt) WCAG AA × Fail

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 204.4390, -56.4184, -10.9090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

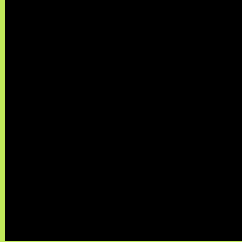
Any Text WCAG AA ✓ Pass

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 204.4390, -56.4184, -10.9090 Background



This preview shows how black text looks on a background with the YUV color 204.4390, -56.4184, -10.9090.



This preview shows how white text looks on a background with the YUV color 204.4390, -56.4184, -10.9090.

-10.9090.

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

204.4390, -56.4184, -10.9090

Protanopia

210.4270, -61.3425, 28.5665

Deuteranopia

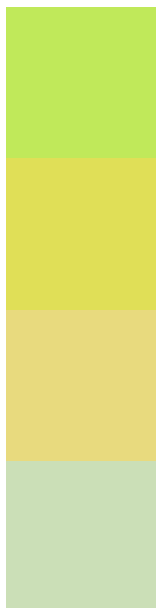
216.2730, -34.1516, 33.9636



Tritanopia

217.3610, 9.1890, -7.3326

Trichromacy



Original Color

204.4390, -56.4184, -10.9090

Protanomaly

207.7950, -59.5519, 14.2118

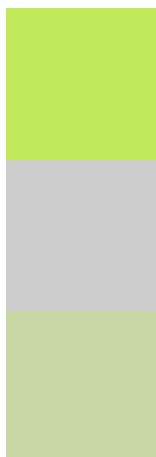
Deuteranomaly

211.6980, -42.2491, 17.8049

Tritanomaly

212.4600, -14.5238, -8.2964

Monochromacy



Original Color

204.4390, -56.4184, -10.9090

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.5870, -20.5024, -4.0228

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.4390, -56.4184, -10.9090 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(192, 233, 90)` looks like.

```
.text, #text, p{  
    color:rgb(192, 233, 90)  
}
```

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(192, 233, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 233, 90) }
```

Border

The CSS property to change the border of an element to YUV 204.4390, -56.4184, -10.9090 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(192, 233, 90) }
```


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

```
.border{ border-color:rgb(192, 233, 90) }
```

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

Here you see how a box with a 4 pixel rgb(192, 233, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 233, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 233, 90);  
box-shadow:4px 4px 4px 4px rgb(192, 233,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 204.4390, -56.4184, -10.9090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 233, 90) }
```

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

```
.background{ background-color: rgb(192,  
233, 90) }
```

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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