

Converting Colors

YUV(211.9250, -46.7980,
-16.5972)

Have a look what the booklet for
YUV(211.9250, -46.7980, -16.5972)
contains.

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Color

**YUV(211.9250, -46.7980,
-16.5972)**

Conversions

Conversions Part 1

Format	Color
Hex	C1F075
RGB	193, 240, 117
RGB Percent	76%, 94%, 46%
CMY	0.2431, 0.0588, 0.5412
CMYK	0.20, 0.00, 0.51, 0.06
HSL	83°, 80%, 70%
HSV	83°, 51%, 94%
XYZ	56.3633, 74.9420, 28.3242
YIQ	211.9250, 11.4710, -48.2170

Conversions

Conversions Part 2

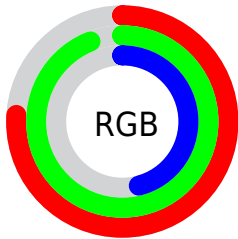
Format	Color
RYB	117, 240, 164
Decimal	12710005
CIELab	89.37, -34.09, 53.99
CIELCh	89, 63.855, 122.269
Yxy	74.9420, 0.3531, 0.4695
Android (android.graphics.Color)	4290900085 (0xFFC1F075)
YUV	211.9250, -46.7980, -16.5972
Hunter-Lab	86.5690, -35.2782, 41.1994

Details

The YUV color $211.9250, -46.7980, -16.5972$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $145.0750, 46.7980, 16.5972$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.3420, -35.6646, 5.8391$, and $156.2670, -45.4876, -16.8972$ is the 20% darker color. If you saturate the color by 10%, you get $206.4980, -55.9545, -19.7307$, and if you desaturate by 10%, it is $217.3520, -37.6415, -13.4637$.

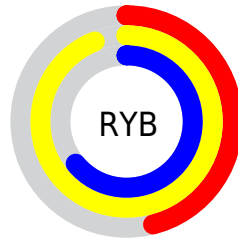
Distribution



Red (76%)

Green (94%)

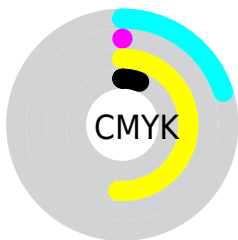
Blue (46%)



Red (46%)

Yellow (94%)

Blue (64%)

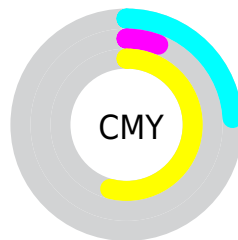


Cyan (20%)

Magenta (0%)

Yellow (51%)

Black (6%)



Cyan (24%)

Magenta (6%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.9250, -46.7980, -16.5972 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 211.9250, -46.7980, -16.5972 by changing the saturation by 10% instead.

■ 211.9250,
-46.7980, -16.5972

■ 211.9250,
-46.7980, -16.5972

255.0000, 0.0000,
0.0000

■ 184.0390,
-46.3612, -16.6972

■ 244.3420,
-35.6646, 5.8391

■ 156.2670,
-45.4876, -16.8972

■ 248.7300,
-24.0239, 5.4988

■ 128.8540,
-45.7770, -17.4120

■ 252.0360,
-11.3567, 2.5994

■ 101.1270,
-49.8556, -15.8974

■ 78.3790, -38.6408,
-19.6264

■ 55.3320, -27.2787,
-23.9702

■ 33.4590, -16.4953,

-29.3435

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,
0.0000

■ 211.9250,
-46.7980, -16.5972

■ 211.9250,
-46.7980, -16.5972

■ 206.4980,
-55.9545, -19.7307

■ 217.3520,
-37.6415, -13.4637

■ 201.0710,
-65.1110, -22.8643

■ 222.7790,
-28.4850, -10.3302

■ 195.3450,
-74.1201, -26.6126

■ 228.5050,
-19.4760, -6.5819

■ 189.9180,
-83.2766, -29.7461

■ 233.9320,
-10.3195, -3.4484

■ 185.1320,
-91.2701, -32.5648

■ 239.3590, -1.1630,
-0.3148

■ 244.1020, 5.3727,
3.4185

■ 246.1950, 4.3409,
7.7220

Harmonies

Analogous

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



218.3180, -59.3168, 32.1701



211.9250, -46.7980, -16.5972



199.3360, -16.9276, -77.4707

Triad

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



211.9250, -46.7980, -16.5972



173.4720, 40.1933, -152.1349



202.5170, 9.6051, 46.0276

Complementary

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



211.9250, -46.7980, -16.5972



145.0750, 46.7980, 16.5972

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.



213.3230, 20.5468, 36.5507



211.9250, -46.7980, -16.5972



200.2590, 26.9873, -69.5101

Square

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



211.9250, -46.7980, -16.5972



178.1680, 37.8782, -156.2533



220.8440, 16.8389, 12.4148



200.4870, -18.4811, 47.8079

Rectangle

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



211.9250, -46.7980, -16.5972



172.5820, 16.4751, -151.3544



220.8440, 16.8389, 12.4148



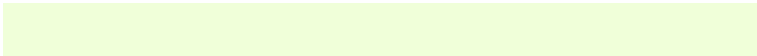
206.0850, 18.1991, 42.8985

Sweetspot

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



211.9250, -46.7980, -16.5972



246.1830, -14.3872, -5.4225



180.1920, -31.1537, 52.4516



122.6870, -8.7197, -3.2335



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.



211.9250, -46.7980, -16.5972



219.0480, -60.1697, -21.0901



193.9850, -37.9536, -53.4838



117.1370, -4.5045, -1.8741



141.7950, -69.9049, -25.2532



43.3370, -21.3651, -7.3115

Inverse Universe

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



145.0750, 46.7980, 16.5972



132.9520, 60.1697, 21.0901



163.0150, 37.9536, 53.4838



110.5640, 4.6519, 1.2594



41.9060, 70.0523, 24.6384



12.6630, 21.3651, 7.3115

Previews

White Background



This preview shows how the YUV color 211.9250, -46.7980, -16.5972 looks on a white background.

Color Contrast Check

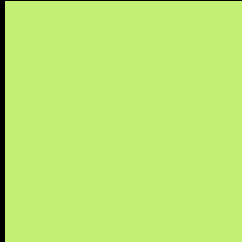
Large Text (above 18pt) WCAG AA × Fail

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 211.9250, -46.7980, -16.5972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

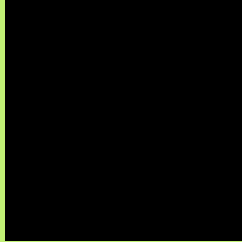
Any Text WCAG AA ✓ Pass

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 211.9250, -46.7980, -16.5972 Background



This preview shows how black text looks on a background with the YUV color 211.9250, -46.7980, -16.5972.



This preview shows how white text looks on a background with the YUV color 211.9250, -46.7980, -16.5972.

-16.5972.

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**

211.9250, -46.7980, -16.5972

Protanopia

218.4080, -52.4591, 25.9522

Deuteranopia

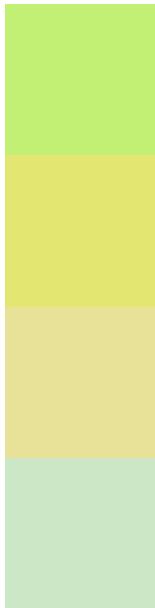
223.9330, -25.1100, 27.2458



Tritanopia

223.2680, 10.2209, -11.6360

Trichromacy



Original Color

211.9250, -46.7980, -16.5972

Protanomaly

216.1780, -50.3738, 10.3679

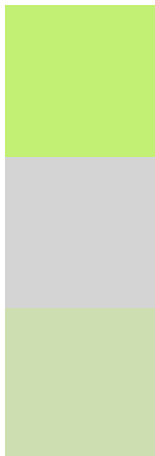
Deuteranomaly

219.4720, -32.7707, 10.9871

Tritanomaly

219.1650, -10.4343, -13.2997

Monochromacy



Original Color

211.9250, -46.7980, -16.5972

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

211.7870, -17.1500, -5.9522

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.9250, -46.7980, -16.5972 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(193, 240, 117)` looks like.

```
.text, #text, p{  
    color:rgb(193, 240, 117)  
}
```

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(193, 240, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 240, 117) }
```

Border

The CSS property to change the border of an element to YUV 211.9250, -46.7980, -16.5972 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(193, 240, 117) }
```


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

```
.border{ border-color:rgb(193, 240, 117) }
```

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

Here you see how a box with a 4 pixel rgb(193, 240, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 240, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 240, 117);  
box-shadow:4px 4px 4px 4px rgb(193, 240,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 211.9250, -46.7980, -16.5972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 240, 117) }
```

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

```
.background{ background-color: rgb(193,  
240, 117) }
```

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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