

Converting Colors

YUV(211.6780, -52.0993,
3.7904)

Have a look what the booklet for
YUV(211.6780, -52.0993, 3.7904)
contains.

YUV(211.6780, -52.0993, 3.7904)	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(211.6780, -52.0993,
3.7904)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E66A
RGB	216, 230, 106
RGB Percent	85%, 90%, 42%
CMY	0.1529, 0.0980, 0.5843
CMYK	0.06, 0.00, 0.54, 0.10
HSL	67°, 71%, 66%
HSV	67°, 54%, 90%
XYZ	59.2172, 72.2332, 24.4570
YIQ	211.6780, 31.4600, -41.5320

Conversions

Conversions Part 2

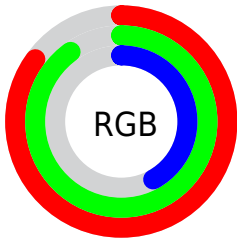
Format	Color
RYB	106, 230, 120
Decimal	14214762
CIELab	88.08, -21.58, 57.87
CIELCh	88, 61.767, 110.448
Yxy	72.2332, 0.3798, 0.4633
Android (android.graphics.Color)	4292404842 (0xFFD8E66A)
YUV	211.6780, -52.0993, 3.7904
Hunter-Lab	84.9901, -24.3620, 42.4316

Details

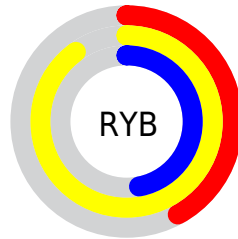
The YUV color $211.6780, -52.0993, 3.7904$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $124.3220, 52.0993, -3.7904$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.2840, -41.0590, 9.3979$, and $156.1940, -51.3676, 2.4609$ is the 20% darker color. If you saturate the color by 10%, you get $208.1590, -61.7034, 4.2456$, and if you desaturate by 10%, it is $215.1970, -42.4951, 3.3352$.

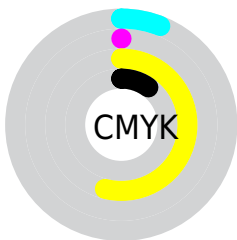
Distribution



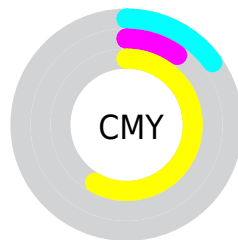
- Red (85%)
- Green (90%)
- Blue (42%)



- Red (42%)
- Yellow (90%)
- Blue (47%)



- Cyan (6%)
- Magenta (0%)
- Yellow (54%)
- Black (10%)



- Cyan (15%)
- Magenta (10%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.6780, -52.0993, 3.7904 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 211.6780, -52.0993, 3.7904 by changing the saturation by 10% instead.

■ 211.6780,
-52.0993, 3.7904

■ 211.6780,
-52.0993, 3.7904

■ 255.0000, 0.0000,
0.0000

■ 183.4930,
-51.5150, 3.0756

■ 244.2840,
-41.0590, 9.3979

■ 156.1940,
-51.3676, 2.4609

■ 247.4760,
-28.8287, 6.5985

■ 128.3250,
-53.4042, 2.3460

■ 250.6680,
-16.5983, 3.7992

■ 102.7100,
-50.6360, 1.1313

■ 253.9740, -3.9312,
0.8998

■ 79.9620, -39.4213,
-2.5977

■ 58.6870, -28.9327,
-6.7415

■ 37.4120, -18.4441,

-10.8853

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 211.6780,
-52.0993, 3.7904

■ 211.6780,
-52.0993, 3.7904

■ 208.1590,
-61.7034, 4.2456

■ 215.1970,
-42.4951, 3.3352

■ 204.9390,
-71.4549, 5.3155

■ 218.4170,
-32.7436, 2.2653

■ 201.4200,
-81.0591, 5.7707

■ 221.9360,
-23.1394, 1.8101

■ 198.2000,
-90.8106, 6.8406

■ 225.1560,
-13.3879, 0.7402

■ 196.0060,
-96.6310, 7.0107

■ 228.6750, -3.7838,
0.2850

■ 232.1940, 5.8204,
-0.1701

■ 234.0460, 10.3303,
-0.0403

■ 234.9430, 9.8881,
1.8040

■ 235.5410, 9.5933,
3.0335

Harmonies

Analogous

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



211.7300, -54.0969, 37.9478



211.6780, -52.0993, 3.7904



202.8960, -29.5287, -49.0208

Triad

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



211.6780, -52.0993, 3.7904



172.8850, 40.4827, -151.6201



205.3840, 18.0517, 43.5132

Complementary

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



211.6780, -52.0993, 3.7904



124.3220, 52.0993, -3.7904

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.



216.8450, 18.8104, 33.4619



211.6780, -52.0993, 3.7904



178.3990, 37.7643, -119.6219

Square

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



211.6780, -52.0993, 3.7904



176.4070, 38.7463, -154.7089



212.4060, 20.9988, -15.2651



198.6580, -7.7194, 49.4119

Rectangle

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



211.6780, -52.0993, 3.7904



190.6140, -5.2327, -95.2545



212.4060, 20.9988, -15.2651



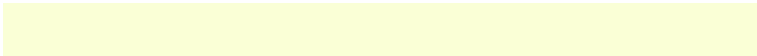
209.2140, 22.5725, 40.1543

Sweetspot

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



211.6780, -52.0993, 3.7904



248.8310, -17.1717, 1.0252



150.1200, -21.7512, 70.0548



124.2530, -10.4777, 0.6551



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.



211.6780, -52.0993, 3.7904



230.3950, -69.7077, 4.9156



193.7380, -43.2548, -33.0962



113.0340, -4.9468, -0.0298



152.3150, -75.0913, 4.9857



43.3920, -21.3923, 1.4102

Inverse Universe

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



124.3220, 52.0993, -3.7904



113.6050, 69.7077, -4.9156



142.2620, 43.2548, 33.0962



104.9660, 4.9468, 0.0298



26.3860, 75.2387, -5.6005



7.6080, 21.3923, -1.4102

Previews

White Background



This preview shows how the YUV color 211.6780, -52.0993, 3.7904 looks on a white background.

Color Contrast Check

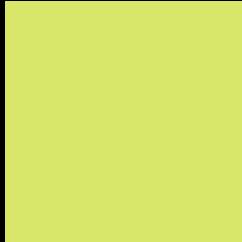
Large Text (above 18pt) WCAG AA × Fail

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 211.6780, -52.0993, 3.7904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

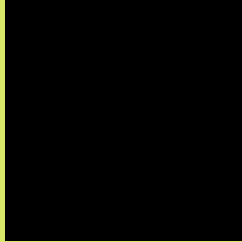
Any Text WCAG AA ✓ Pass

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 211.6780, -52.0993, 3.7904 Background



This preview shows how black text looks on a background with the YUV color 211.6780, -52.0993, 3.7904.



This preview shows how white text looks on a background with the YUV color 211.6780, -52.0993, 3.7904.

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

211.6780, -52.0993, 3.7904

Protanopia

214.7240, -55.0799, 26.5521

Deuteranopia

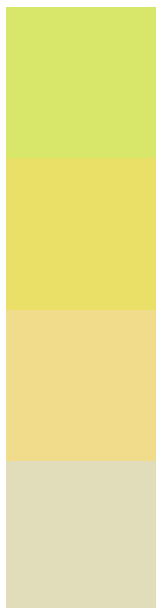
220.1030, -29.6308, 30.6047



Tritanopia

222.1240, 5.3619, 6.9073

Trichromacy



Original Color

211.6780, -52.0993, 3.7904

Protanomaly

213.3100, -53.8898, 18.1451

Deuteranomaly

217.1590, -38.0394, 20.9086

Tritanomaly

218.3200, -15.4408, 5.8584

Monochromacy



Original Color

211.6780, -52.0993, 3.7904

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

211.9620, -19.2083, 0.9103

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.6780, -52.0993, 3.7904 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(216, 230, 106)` looks like.

```
.text, #text, p{  
    color:rgb(216, 230, 106)  
}
```

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(216, 230, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 230, 106) }
```

Border

The CSS property to change the border of an element to YUV 211.6780, -52.0993, 3.7904 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(216, 230, 106) }
```


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

```
.border{ border-color:rgb(216, 230, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 230, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 230, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 230, 106);  
box-shadow:4px 4px 4px 4px rgb(216, 230,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 211.6780, -52.0993, 3.7904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 230, 106) }
```

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

```
.background{ background-color: rgb(216,  
230, 106) }
```

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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