

Converting Colors

YUV(211.5410, -54.4967,
-20.6455)

Have a look what the booklet for
YUV(211.5410, -54.4967, -20.6455)
contains.

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Color

**YUV(211.5410, -54.4967,
-20.6455)**

Conversions

Conversions Part 1

Format	Color
Hex	BCF565
RGB	188, 245, 101
RGB Percent	74%, 96%, 40%
CMY	0.2627, 0.0392, 0.6039
CMYK	0.23, 0.00, 0.59, 0.04
HSL	84°, 88%, 68%
HSV	84°, 59%, 96%
XYZ	55.7404, 76.9358, 24.2242
YIQ	211.5410, 12.2520, -56.8680

Conversions

Conversions Part 2

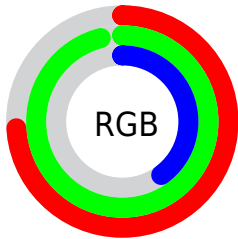
Format	Color
RYB	101, 245, 158
Decimal	12383589
CIELab	90.29, -39.64, 62.07
CIELCh	90, 73.650, 122.560
Yxy	76.9358, 0.3553, 0.4903
Android (android.graphics.Color)	4290573669 (0xFFBCF565)
YUV	211.5410, -54.4967, -20.6455
Hunter-Lab	87.7130, -40.0636, 45.0247

Details

The YUV color **211.5410, -54.4967, -20.6455** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **134.4590, 54.4967, 20.6455**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.3220, -42.0637, 4.9796**, and **154.5410, -54.4967, -20.6455** is the 20% darker color. If you saturate the color by 10%, you get **205.8150, -63.5058, -24.3938**, and if you desaturate by 10%, it is **217.3810, -45.0508, -16.9971**.

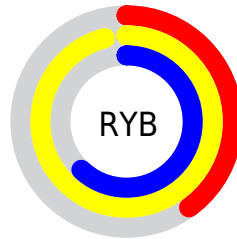
Distribution



Red (74%)

Green (96%)

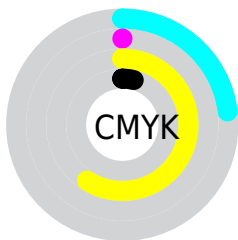
Blue (40%)



Red (40%)

Yellow (96%)

Blue (62%)

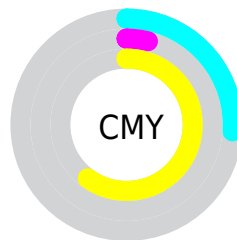


Cyan (23%)

Magenta (0%)

Yellow (59%)

Black (4%)



Cyan (26%)

Magenta (4%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.5410, -54.4967, -20.6455 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 211.5410, -54.4967, -20.6455 by changing the saturation by 10% instead.

■ 211.5410,
-54.4967, -20.6455

■ 211.5410,
-54.4967, -20.6455

255.0000, 0.0000,
0.0000

■ 182.6550,
-54.0599, -20.7454

■ 241.3220,
-42.0637, 4.9796

■ 154.5410,
-54.4967, -20.6455

■ 247.0200,
-30.5759, 6.9985

■ 125.4180,
-61.3381, -19.6606

■ 250.2120,
-18.3455, 4.1991

■ 101.6700,
-50.1233, -23.3896

■ 253.6320, -5.2416,
1.1997

■ 78.0360, -38.4717,
-27.2186

■ 52.2980, -25.7829,
-37.0953

■ 35.2200, -17.3635,

-30.8879

■ 22.8930, -11.2862,
-20.0772

■ 1.1740, -0.5788,
-1.0296

■ 211.5410,
-54.4967, -20.6455

■ 211.5410,
-54.4967, -20.6455

■ 205.8150,
-63.5058, -24.3938

■ 217.3810,
-45.0508, -16.9971

■ 200.2740,
-73.0991, -27.4273

■ 222.8080,
-35.8943, -13.8636

■ 194.5480,
-82.1082, -31.1756

■ 228.6480,
-26.4485, -10.2153

■ 188.7080,
-91.5540, -34.8239

■ 234.3740,
-17.4394, -6.4670

■ 188.0670,
-92.7170, -35.1388

■ 239.9150, -7.8461,
-3.4335

■ 245.6410, 1.1630,
0.3148

■ 249.1300, 2.8939,
5.1480

Harmonies

Analogous

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



217.5710, -69.7945, 32.8252



211.5410, -54.4967, -20.6455



192.3290, -16.4312, -96.7585

Triad

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



211.5410, -54.4967, -20.6455



176.4070, 38.7463, -154.7089



197.4620, 13.0832, 50.4608

Complementary

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



211.5410, -54.4967, -20.6455



134.4590, 54.4967, 20.6455

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.



209.8010, 22.2831, 39.6395



211.5410, -54.4967, -20.6455



190.9570, 31.5732, -93.8013

Square

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



211.5410, -54.4967, -20.6455



178.7550, 37.5888, -156.7681



221.1540, 16.6861, 14.7739



196.0530, -20.2391, 51.6965

Rectangle

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



211.5410, -54.4967, -20.6455



173.2830, 16.6225, -151.9692



221.1540, 16.6861, 14.7739



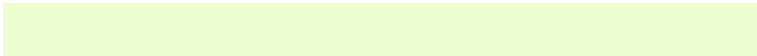
201.9590, 22.6982, 46.5170

Sweetspot

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



211.5410, -54.4967, -20.6455



244.3740, -17.4394, -6.4670



176.3410, -37.1431, 60.2139



121.1060, -10.8983, -4.4780



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.



211.5410, -54.4967, -20.6455



212.8380, -68.4471, -26.1679



190.6110, -44.1782, -63.6798



119.4360, -4.6519, -1.2594



142.6700, -70.3363, -26.8976



45.0980, -22.2333, -8.8559

Inverse Universe

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



134.4590, 54.4967, 20.6455



116.1620, 68.4471, 26.1679



155.3890, 44.1782, 63.6798



112.8630, 4.5045, 1.8741



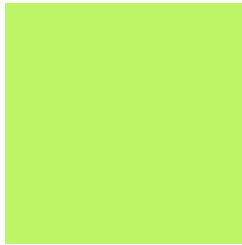
43.3300, 70.3363, 26.8976



13.6030, 22.3807, 8.2412

Previews

White Background



This preview shows how the YUV color 211.5410, -54.4967, -20.6455 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 211.5410, -54.4967, -20.6455 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

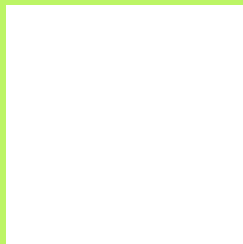
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 211.5410, -54.4967, -20.6455 Background



This preview shows how black text looks on a background with the YUV color 211.5410, -54.4967, -20.6455.



This preview shows how white text looks on a background with the YUV color 211.5410, -54.4967, -20.6455.

-20.6455.

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

211.5410, -54.4967, -20.6455

Protanopia

219.5410, -60.9057, 28.4665

Deuteranopia

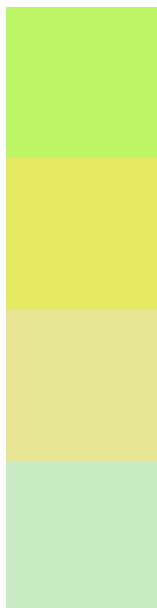
226.2640, -23.7942, 25.2015



Tritanopia

225.1750, 11.2527, -15.9395

Trichromacy



Original Color

211.5410, -54.4967, -20.6455

Protanomaly

217.0010, -58.6675, 10.5231

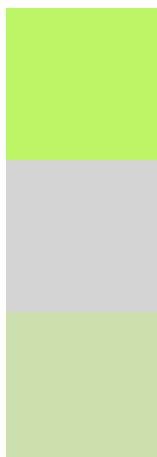
Deuteranomaly

221.1790, -35.0912, 8.6130

Tritanomaly

219.9750, -12.3127, -17.5181

Monochromacy



Original Color

211.5410, -54.4967, -20.6455

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

211.7930, -19.6179, -7.7115

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.5410, -54.4967, -20.6455 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(188, 245, 101)` looks like.

```
.text, #text, p{  
    color:rgb(188, 245, 101)  
}
```

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(188, 245, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 245, 101) }
```

Border

The CSS property to change the border of an element to YUV 211.5410, -54.4967, -20.6455 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(188, 245, 101) }
```


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

```
.border{ border-color:rgb(188, 245, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 245, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 245, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 245, 101);  
box-shadow:4px 4px 4px 4px rgb(188, 245,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 211.5410, -54.4967, -20.6455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 245, 101) }
```

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

```
.background{ background-color: rgb(188,  
245, 101) }
```

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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