

Converting Colors

YUV(211.2420, -54.3493,
-21.2602)

Have a look what the booklet for
YUV(211.2420, -54.3493, -21.2602)
contains.

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Color

**YUV(211.2420, -54.3493,
-21.2602)**

Conversions

Conversions Part 1

Format	Color
Hex	BBF565
RGB	187, 245, 101
RGB Percent	73%, 96%, 40%
CMY	0.2667, 0.0392, 0.6039
CMYK	0.24, 0.00, 0.59, 0.04
HSL	84°, 88%, 68%
HSV	84°, 59%, 96%
XYZ	55.4949, 76.8092, 24.2127
YIQ	211.2420, 11.6560, -57.0800

Conversions

Conversions Part 2

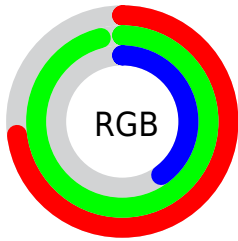
Format	Color
RYB	101, 245, 159
Decimal	12318053
CIELab	90.23, -40.00, 61.99
CIElCh	90, 73.778, 122.833
Yxy	76.8092, 0.3546, 0.4907
Android (android.graphics.Color)	4290508133 (0xFFBBF565)
YUV	211.2420, -54.3493, -21.2602
Hunter-Lab	87.6409, -40.3439, 44.9684

Details

The YUV color **211.2420, -54.3493, -21.2602** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **134.7580, 54.3493, 21.2602**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.0230, -41.9163, 4.3648**, and **154.2420, -54.3493, -21.2602** is the 20% darker color. If you saturate the color by 10%, you get **205.5160, -63.3584, -25.0085**, and if you desaturate by 10%, it is **217.0820, -44.9034, -17.6119**.

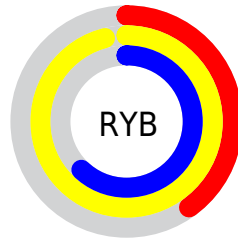
Distribution



Red (73%)

Green (96%)

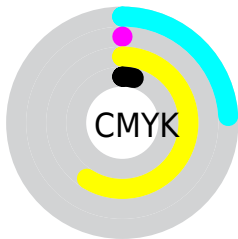
Blue (40%)



Red (40%)

Yellow (96%)

Blue (62%)

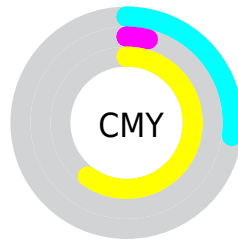


Cyan (24%)

Magenta (0%)

Yellow (59%)

Black (4%)



Cyan (27%)

Magenta (4%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.2420, -54.3493, -21.2602 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 211.2420, -54.3493, -21.2602 by changing the saturation by 10% instead.

■ 211.2420,
-54.3493, -21.2602

■ 211.2420,
-54.3493, -21.2602

255.0000, 0.0000,
0.0000

■ 182.3560,
-53.9125, -21.3602

■ 241.0230,
-41.9163, 4.3648

■ 154.2420,
-54.3493, -21.2602

■ 247.0200,
-30.5759, 6.9985

■ 125.2330,
-60.7539, -20.3753

■ 250.2120,
-18.3455, 4.1991

■ 101.3710,
-49.9759, -24.0044

■ 253.6320, -5.2416,
1.1997

■ 77.4380, -38.1769,
-28.4481

■ 51.4010, -25.3407,
-38.9397

■ 35.2200, -17.3635,

-30.8879

■ 22.8930, -11.2862,
-20.0772

■ 1.1740, -0.5788,
-1.0296

■ 211.2420,
-54.3493, -21.2602

■ 211.2420,
-54.3493, -21.2602

■ 205.5160,
-63.3584, -25.0085

■ 217.0820,
-44.9034, -17.6119

■ 199.6760,
-72.8043, -28.6569

■ 222.8080,
-35.8943, -13.8636

■ 193.9500,
-81.8133, -32.4051

■ 228.6480,
-26.4485, -10.2153

■ 188.4090,
-91.4066, -35.4387

■ 234.0750,
-17.2920, -7.0818

■ 187.4690,
-92.4222, -36.3683

■ 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



211.2420, -54.3493, -21.2602



191.8450, -15.6996, -98.0881

Triad

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



211.2420, -54.3493, -21.2602



176.4070, 38.7463, -154.7089



197.3480, 12.6464, 50.5608

Complementary

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



211.2420, -54.3493, -21.2602



134.7580, 54.3493, 21.2602

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.



209.2140, 22.5725, 40.1543



211.2420, -54.3493, -21.2602



191.5550, 31.2784, -92.5717

Square

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



211.2420, -54.3493, -21.2602



178.7550, 37.5888, -156.7681



221.4530, 16.5387, 15.3887



195.9390, -20.6759, 51.7965

Rectangle

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



211.2420, -54.3493, -21.2602



173.2830, 16.6225, -151.9692



221.4530, 16.5387, 15.3887



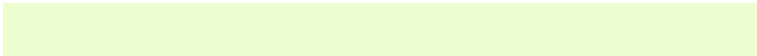
201.2580, 22.5508, 47.1317

Sweetspot

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



211.2420, -54.3493, -21.2602



244.3740, -17.4394, -6.4670



178.1020, -38.0113, 58.6695



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.



211.2420, -54.3493, -21.2602



212.5390, -68.2997, -26.7827



189.7140, -43.7360, -65.5242



119.1370, -4.5045, -1.8741



142.3710, -70.1889, -27.5124



45.0980, -22.2333, -8.8559

Inverse Universe

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



134.7580, 54.3493, 21.2602



116.4610, 68.2997, 26.7827



156.2860, 43.7360, 65.5242



112.8630, 4.5045, 1.8741



43.6290, 70.1889, 27.5124



13.9020, 22.2333, 8.8559

Previews

White Background



This preview shows how the YUV color 211.2420, -54.3493, -21.2602 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 211.2420, -54.3493, -21.2602 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 211.2420, -54.3493, -21.2602 Background



This preview shows how black text looks on a background with the YUV color 211.2420, -54.3493, -21.2602.



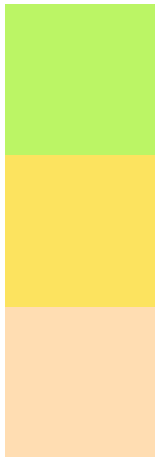
This preview shows how white text looks on a background with the YUV color 211.2420, -54.3493, -21.2602.

-21.2602.

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

211.2420, -54.3493, -21.2602

Protanopia

219.4270, -61.3425, 28.5665

Deuteranopia

226.2640, -23.7942, 25.2015



Tritanopia

224.8760, 11.4001, -16.5543

Trichromacy



Original Color

211.2420, -54.3493, -21.2602



Protanomaly

216.5880, -58.9569, 10.0083



Deuteranomaly

220.8800, -34.9438, 7.9982



Tritanomaly

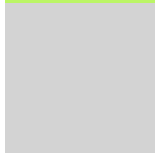
219.6760, -12.1653, -18.1329

Monochromacy



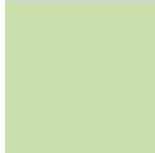
Original Color

211.2420, -54.3493, -21.2602



Achromatopsia

211.0000, 0.0000, 0.0000



Achromatomaly

210.7930, -19.6179, -7.7115

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.2420, -54.3493, -21.2602 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(187, 245, 101)` looks like.

```
.text, #text, p{  
    color:rgb(187, 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(187, 245, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 245, 101) }
```

Border

The CSS property to change the border of an element to YUV 211.2420, -54.3493, -21.2602 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(187, 245, 101) }
```


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

```
.border{ border-color:rgb(187, 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(187, 245, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 245, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 245, 101);  
box-shadow:4px 4px 4px 4px rgb(187, 245,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 211.2420, -54.3493, -21.2602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 245, 101) }
```

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

```
.background{ background-color: rgb(187,  
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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