

Converting Colors

YUV(169.5040, -58.4225,
-21.4900)

Have a look what the booklet for
YUV(169.5040, -58.4225, -21.4900)
contains.

YUV(169.5040, -58.4225, -21.4900)	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(169.5040, -58.4225,
-21.4900)**

Conversions

Conversions Part 1

Format	Color
Hex	91CD33
RGB	145, 205, 51
RGB Percent	57%, 80%, 20%
CMY	0.4314, 0.1961, 0.8000
CMYK	0.29, 0.00, 0.75, 0.20
HSL	83°, 61%, 50%
HSV	83°, 75%, 80%
XYZ	34.1059, 49.9214, 10.9702
YIQ	169.5040, 13.6740, -60.6140

Conversions

Conversions Part 2

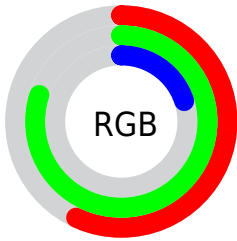
Format	Color
RYB	51, 205, 111
Decimal	9555251
CIELab	76.02, -41.34, 65.59
CIElCh	76, 77.532, 122.220
Yxy	49.9214, 0.3590, 0.5255
Android (android.graphics.Color)	4287745331 (0xFF91CD33)
YUV	169.5040, -58.4225, -21.4900
Hunter-Lab	70.6551, -37.4826, 40.2530

Details

The YUV color **169.5040, -58.4225, -21.4900** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **86.4960, 58.4225, 21.4900**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.6940, -56.5441, -17.2716**, and **114.3620, -56.3805, -23.1195** is the 20% darker color. If you saturate the color by 10%, you get **164.7180, -66.4160, -24.3087**, and if you desaturate by 10%, it is **174.1760, -50.8658, -18.5714**.

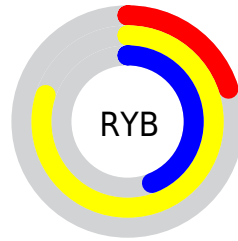
Distribution



Red (57%)

Green (80%)

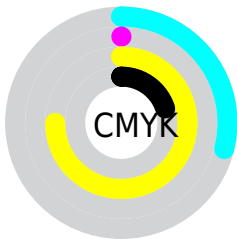
Blue (20%)



Red (20%)

Yellow (80%)

Blue (44%)

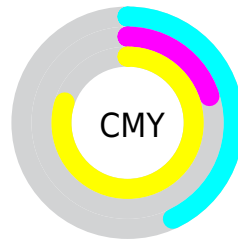


Cyan (29%)

Magenta (0%)

Yellow (75%)

Black (20%)



Cyan (43%)

Magenta (20%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.5040, -58.4225, -21.4900 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 169.5040, -58.4225, -21.4900 by changing the saturation by 10% instead.

■ 169.5040,
-58.4225, -21.4900

■ 169.5040,
-58.4225, -21.4900

■ 255.0000, 0.0000,
0.0000

■ 140.1360,
-63.6640, -20.2903

■ 222.6940,
-56.5441, -17.2716

■ 114.3620,
-56.3805, -23.1195

■ 234.5570,
-48.5886, -2.2425

■ 90.7280, -44.7289,
-26.9485

■ 244.6260,
-39.7486, 9.0980

■ 66.7840, -32.9245,
-33.1366

■ 247.9320,
-27.0815, 6.1986

■ 43.4380, -21.4149,
-38.0951

■ 251.2380,
-14.4143, 3.2993

■ 29.9370, -14.7589,
-26.2547

■ 254.6580, -1.3104,

■ 17.0230, -8.3923,

0.2999

-14.9292

■ 0.0000, 0.0000,
0.0000

■ 169.5040,
-58.4225, -21.4900

■ 169.5040,
-58.4225, -21.4900

■ 164.7180,
-66.4160, -24.3087

■ 174.1760,
-50.8658, -18.5714

■ 160.0460,
-73.9727, -27.2273

■ 178.9620,
-42.8723, -15.7527

■ 157.7100,
-77.7510, -28.6867

■ 183.6340,
-35.3156, -12.8340

■ 188.4200,
-27.3221, -10.0153

■ 193.0920,
-19.7654, -7.0967

■ 197.8780,
-11.7719, -4.2780

■ 202.6640, -3.7784,
-1.4593

■ 207.3360, 3.7784,
1.4593

■ 212.0080, 11.3351,
4.3780

Harmonies

Analogous

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



174.7060, -84.6511, 37.9688



169.5040, -58.4225, -21.4900



140.1300, -11.4031, -122.8940

Triad

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



169.5040, -58.4225, -21.4900



153.5140, 50.0326, -134.6318



164.8400, 9.9389, 79.0703

Complementary

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



169.5040, -58.4225, -21.4900



86.4960, 58.4225, 21.4900

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.



183.3860, 35.3057, 62.8055



169.5040, -58.4225, -21.4900



142.9480, 55.2416, -125.3654

Square

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



169.5040, -58.4225, -21.4900



158.2100, 47.7175, -138.7502



184.5180, 34.7476, 8.3157



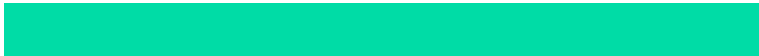
165.0780, -24.6885, 78.8616

Rectangle

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



169.5040, -58.4225, -21.4900



148.0640, 8.8424, -129.8521



184.5180, 34.7476, 8.3157



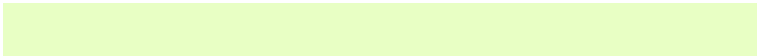
169.3370, 19.5539, 75.1265

Sweetspot

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



169.5040, -58.4225, -21.4900



241.3970, -22.3807, -8.2412



131.6790, -39.7747, 64.3025



119.7100, -13.6610, -5.0077



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.



169.5040, -58.4225, -21.4900



202.1690, -87.3443, -31.7202



146.7800, -47.2195, -68.2131



99.6640, -3.7784, -1.4593



127.6410, -62.9270, -23.3642



29.1830, -14.3872, -5.4225

Inverse Universe

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



86.4960, 58.4225, 21.4900



78.1300, 87.1969, 32.3350



109.2200, 47.2195, 68.2131



94.3360, 3.7784, 1.4593



38.3590, 62.9270, 23.3642



8.8170, 14.3872, 5.4225

Previews

White Background



This preview shows how the YUV color 169.5040, -58.4225, -21.4900 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 169.5040, -58.4225, -21.4900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

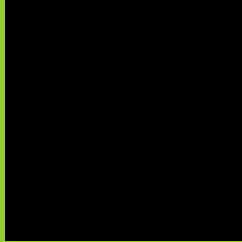
Any Text WCAG AA ✓ Pass

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 169.5040, -58.4225, -21.4900 Background



This preview shows how black text looks on a background with the YUV color 169.5040, -58.4225, -21.4900.



This preview shows how white text looks on a background with the YUV color 169.5040, -58.4225, -21.4900.

-21.4900.

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

169.5040, -58.4225, -21.4900

Protanopia

177.8030, -64.9789, 28.2368

Deuteranopia

180.7480, -58.0498, 45.8250



Tritanopia

184.6370, 10.5320, -18.0986

Trichromacy



Original Color

169.5040, -58.4225, -21.4900

Protanomaly

174.9640, -62.5933, 9.6786

Deuteranomaly

176.5940, -57.9738, 21.4041

Tritanomaly

179.0950, -14.3438, -19.3773

Monochromacy



Original Color

169.5040, -58.4225, -21.4900

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.0380, -21.2177, -7.9263

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.5040, -58.4225, -21.4900 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(145, 205, 51)` looks like.

```
.text, #text, p{  
    color:rgb(145, 205, 51)  
}
```

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(145, 205, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 205, 51) }
```

Border

The CSS property to change the border of an element to YUV 169.5040, -58.4225, -21.4900 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(145, 205, 51) }
```


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

```
.border{ border-color:rgb(145, 205, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 205, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 205, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 205, 51);  
box-shadow:4px 4px 4px 4px rgb(145, 205,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 169.5040, -58.4225, -21.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 205, 51) }
```

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

```
.background{ background-color: rgb(145,  
205, 51) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor