

Converting Colors

YUV(152.1980, -64.6806,
-67.7026)

Have a look what the booklet for
YUV(152.1980, -64.6806, -67.7026)
contains.

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Color

**YUV(152.1980, -64.6806,
-67.7026)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4BD915 |
| RGB | 75, 217, 21 |
| RGB Percent | 29%, 85%, 8% |
| CMY | 0.7059, 0.1490, 0.9176 |
| CMYK | 0.65, 0.00, 0.90, 0.15 |
| HSL | 103°, 82%, 47% |
| HSV | 103°, 90%, 85% |
| XYZ | 27.8499, 51.1757, 9.1195 |
| YIQ | 152.1980, -21.7160, -91.0600 |

Conversions

Conversions Part 2

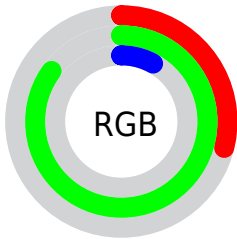
| Format | Color |
|-------------------------------------|--|
| RYB | 21, 217, 163 |
| Decimal | 4970773 |
| CIELab | 76.79, -67.84, 72.47 |
| CIELCh | 77, 99.268, 133.110 |
| Yxy | 51.1757, 0.3160, 0.5806 |
| Android (android.graphics.Color) | 4283160853 (0xFF4BD915) |
| YUV | 152.1980, -64.6806, -67.7026 |
| Hunter-Lab | 71.5372, -55.6990, 42.5178 |

Details

The YUV color **152.1980, -64.6806, -67.7026** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **85.8020, 64.6806, 67.7026**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.2180, -54.8305, -53.6882**, and **94.5070, -46.5920, -82.8826** is the 20% darker color. If you saturate the color by 10%, you get **145.3190, -71.6423, -74.8248**, and if you desaturate by 10%, it is **159.4900, -57.4296, -60.0657**.

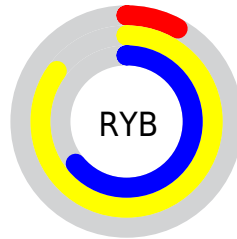
Distribution



Red (29%)

Green (85%)

Blue (8%)



Red (8%)

Yellow (85%)

Blue (64%)

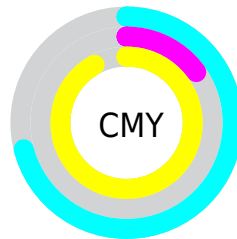


Cyan (65%)

Magenta (0%)

Yellow (90%)

Black (15%)



Cyan (71%)

Magenta (15%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.1980, -64.6806, -67.7026 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 152.1980, -64.6806, -67.7026 by changing the saturation by 10% instead.

■ 152.1980,
-64.6806, -67.7026

■ 152.1980,
-64.6806, -67.7026

■ 255.0000, 0.0000,
0.0000

■ 119.6140,
-58.9697, -79.4685

■ 202.2180,
-54.8305, -53.6882

■ 94.5070, -46.5920,
-82.8826

■ 214.7930,
-46.7329, -37.5295

■ 78.0710, -38.4890,
-68.4683

■ 227.3680,
-38.6354, -21.3707

■ 62.8090, -30.9648,
-55.0835

■ 239.9430,
-30.5379, -5.2120

■ 47.5470, -23.4407,
-41.6987

■ 249.5280,
-20.9663, 4.7989

■ 33.4590, -16.4953,
-29.3435

■ 252.8340, -8.2992,

■ 18.7840, -9.2605,

1.8996

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 152.1980,
-64.6806, -67.7026

■ 152.1980,
-64.6806, -67.7026

■ 145.3190,
-71.6423, -74.8248

■ 159.4900,
-57.4296, -60.0657

■ 166.3690,
-50.4679, -52.9436

■ 173.6610,
-43.2169, -45.3067

■ 180.9530,
-35.9658, -37.6698

■ 188.2450,
-28.7148, -30.0329

■ 195.1240,
-21.7531, -22.9107

■ 202.4160,
-14.5021, -15.2738

■ 209.7080, -7.2510,
-7.6369

■ 216.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



173.3350, -85.4542, 15.4922



152.1980, -64.6806, -67.7026



147.7100, -7.7450, -129.5417

Triad

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



152.1980, -64.6806, -67.7026



155.2750, 49.1644, -136.1762



138.4130, 7.6844, 102.2468

Complementary

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



152.1980, -64.6806, -67.7026



85.8020, 64.6806, 67.7026

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.



157.5920, 43.0921, 85.4268



152.1980, -64.6806, -67.7026



139.4260, 56.9780, -122.2766

Square

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



152.1980, -64.6806, -67.7026



162.3190, 45.6917, -142.3538



185.6570, 34.1861, 48.5358



154.0950, -43.9238, 88.4937

Rectangle

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



152.1980, -64.6806, -67.7026



156.8810, 19.7787, -137.5846



185.6570, 34.1861, 48.5358



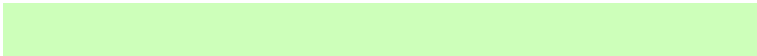
139.4850, 21.9459, 101.3067

Sweetspot

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



152.1980, -64.6806, -67.7026



232.1840, -22.7687, -23.8404



161.7840, -69.4065, 48.4244



114.3560, -13.4865, -14.3442



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.



152.1980, -64.6806, -67.7026



170.6150, -84.1132, -88.2394



140.8400, -38.3751, -105.0997



106.3540, -3.6255, -3.8185



115.9030, -57.1402, -59.5509



30.8890, -15.2283, -15.6887

Inverse Universe

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



85.8020, 64.6806, 67.7026



84.3850, 84.1132, 88.2394



97.1600, 38.3751, 105.0997



102.6460, 3.6255, 3.8185



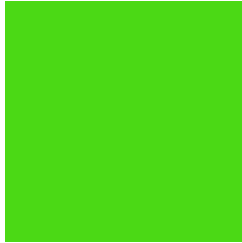
57.3960, 56.9928, 60.1657



15.1110, 15.2283, 15.6887

Previews

White Background



This preview shows how the YUV color 152.1980, -64.6806, -67.7026 looks on a white background.

Color Contrast Check

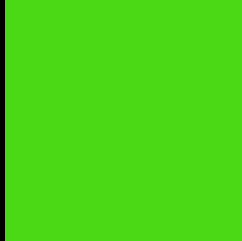
Large Text (above 18pt) WCAG AA × Fail

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 152.1980, -64.6806, -67.7026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

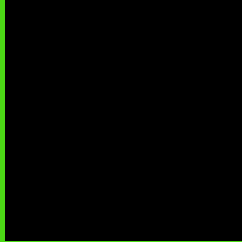
Any Text WCAG AA ✓ Pass

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 152.1980, -64.6806, -67.7026 Background



This preview shows how black text looks on a background with the YUV color 152.1980, -64.6806, -67.7026.



This preview shows how white text looks on a background with the YUV color 152.1980, -64.6806, -67.7026.

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

152.1980, -64.6806, -67.7026

Protanopia

173.7440, -85.6558, 33.5505

Deuteranopia

180.7500, -64.4597, 48.4543



Tritanopia

177.5120, 19.9606, -55.7000

Trichromacy



Original Color

152.1980, -64.6806, -67.7026



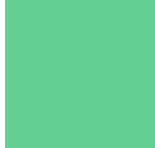
Protanomaly

166.1630, -77.9744, -3.6510



Deuteranomaly

170.0730, -64.6190, 6.0750



Tritanomaly

168.0530, -10.8721, -59.6825

Monochromacy



Original Color

152.1980, -64.6806, -67.7026



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

152.2440, -23.7843, -24.7700

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.1980, -64.6806, -67.7026 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(75, 217, 21)` looks like.

```
.text, #text, p{  
    color:rgb(75, 217, 21)  
}
```

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(75, 217, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 217, 21) }
```

Border

The CSS property to change the border of an element to YUV 152.1980, -64.6806, -67.7026 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(75, 217, 21) }
```


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

```
.border{ border-color:rgb(75, 217, 21) }
```

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

Here you see how a box with a 4 pixel rgb(75, 217, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 217, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 217, 21);  
box-shadow:4px 4px 4px 4px rgb(75, 217,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 152.1980, -64.6806, -67.7026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 217, 21) }
```

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

```
.background{ background-color: rgb(75, 217,  
21) }
```

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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