

Converting Colors

YUV(152.8250, -65.4827,
-43.6965)

Have a look what the booklet for
YUV(152.8250, -65.4827, -43.6965)
contains.

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Color

**YUV(152.8250, -65.4827,
-43.6965)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 67CC14 |
| RGB | 103, 204, 20 |
| RGB Percent | 40%, 80%, 8% |
| CMY | 0.5961, 0.2000, 0.9216 |
| CMYK | 0.50, 0.00, 0.90, 0.20 |
| HSL | 93°, 82%, 44% |
| HSV | 93°, 90%, 80% |
| XYZ | 27.3127, 46.1198, 8.1243 |
| YIQ | 152.8250, -1.1320, -78.6360 |

Conversions

Conversions Part 2

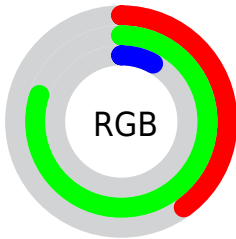
| Format | Color |
|-------------------------------------|---------------------------------|
| R_YB | 20, 204, 121 |
| Decimal | 6802452 |
| CIE Lab | 73.62, -56.36, 70.32 |
| CIE LCh | 74, 90.121, 128.709 |
| Yxy | 46.1198, 0.3349, 0.5655 |
| Android (android.graphics.Color) | 4284992532 (0xFF67CC14) |
| YUV | 152.8250, -65.4827, -43.6965 |
| Hunter-Lab | 67.9116, -47.0562, 40.4452 |

Details

The YUV color **152.8250, -65.4827, -43.6965** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **71.1750, 65.4827, 43.6965**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.5680, -58.9470, -39.9631**, and **97.6290, -48.1311, -55.8026** is the 20% darker color. If you saturate the color by 10%, you get **147.2560, -72.5972, -48.4595**, and if you desaturate by 10%, it is **158.3940, -58.3682, -38.9335**.

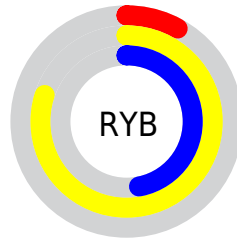
Distribution



Red (40%)

Green (80%)

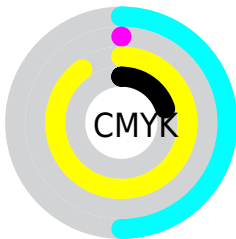
Blue (8%)



Red (8%)

Yellow (80%)

Blue (47%)

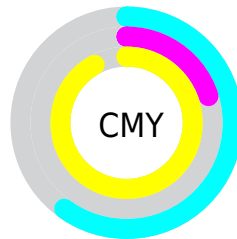


Cyan (50%)

Magenta (0%)

Yellow (90%)

Black (20%)



Cyan (60%)

Magenta (20%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.8250, -65.4827, -43.6965 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 152.8250, -65.4827, -43.6965 by changing the saturation by 10% instead.

■ 152.8250,
-65.4827, -43.6965

■ 152.8250,
-65.4827, -43.6965

■ 255.0000, 0.0000,
0.0000

■ 124.8400,
-61.5461, -46.3407

■ 208.5680,
-58.9470, -39.9631

■ 97.6290, -48.1311,
-55.8026

■ 220.7300,
-51.1389, -24.3192

■ 71.6140, -35.3057,
-62.8055

■ 233.0060,
-42.8940, -8.7753

■ 56.3520, -27.7815,
-49.4207

■ 245.1680,
-35.0858, 6.8687

■ 41.6770, -20.5468,
-36.5507

■ 249.0720,
-22.7135, 5.1989

■ 28.7630, -14.1802,
-25.2252

■ 252.4920, -9.6096,

■ 12.3270, -6.0772,

2.1995

-10.8108

■ 0.0000, 0.0000,
0.0000

■ 152.8250,
-65.4827, -43.6965

■ 152.8250,
-65.4827, -43.6965

■ 147.2560,
-72.5972, -48.4595

■ 158.3940,
-58.3682, -38.9335

■ 164.0770,
-50.8170, -34.2705

■ 169.9450,
-43.8499, -28.8928

■ 175.6280,
-36.2986, -24.2298

■ 181.1970,
-29.1841, -19.4668

■ 186.7660,
-22.0696, -14.7038

■ 192.4490,
-14.5184, -10.0408

■ 198.3170, -7.5513,
-4.6630

■ 204.0000, 0.0000,
0.0000

Harmonies

Analogous

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



166.9000, -82.2817, 24.6437



152.8250, -65.4827, -43.6965



138.9560, -10.8243, -121.8644

Triad

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



152.8250, -65.4827, -43.6965



149.9920, 51.7689, -131.5430



143.7930, 7.9901, 97.5285

Complementary

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



152.8250, -65.4827, -43.6965



71.1750, 65.4827, 43.6965

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.



164.4080, 38.7459, 79.4492



152.8250, -65.4827, -43.6965



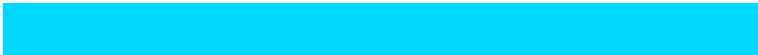
136.4910, 58.4249, -119.7026

Square

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



152.8250, -65.4827, -43.6965



155.8620, 48.8750, -136.6910



178.7470, 37.5927, 29.1629



152.3970, -35.1987, 89.9828

Rectangle

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



152.8250, -65.4827, -43.6965



147.3290, 13.6418, -129.2075



178.7470, 37.5927, 29.1629



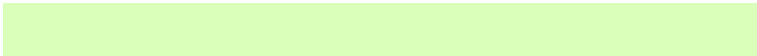
147.5720, 19.9310, 94.2144

Sweetspot

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



152.8250, -65.4827, -43.6965



235.7720, -24.5376, -16.4630



132.5420, -55.4832, 62.6687



116.4490, -14.5184, -10.0408



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.



152.8250, -65.4827, -43.6965



184.0700, -90.7465, -60.5744



128.6920, -50.6272, -95.3229



99.0660, -3.4835, -2.6889



119.8670, -59.0944, -39.3484



27.3890, -13.5028, -9.1112

Inverse Universe

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



71.1750, 65.4827, 43.6965



70.9300, 90.7465, 60.5744



95.3080, 50.6272, 95.3229



94.6350, 3.6309, 2.0741



46.1330, 59.0944, 39.3484



10.6110, 13.5028, 9.1112

Previews

White Background



This preview shows how the YUV color 152.8250, -65.4827, -43.6965 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 152.8250, -65.4827, -43.6965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

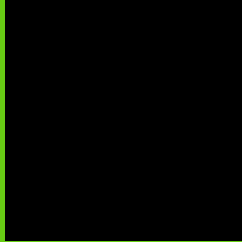
Any Text WCAG AA ✓ Pass

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 152.8250, -65.4827, -43.6965 Background



This preview shows how black text looks on a background with the YUV color 152.8250, -65.4827, -43.6965.



This preview shows how white text looks on a background with the YUV color 152.8250, -65.4827, -43.6965.

-43.6965.

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

152.8250, -65.4827, -43.6965

Protanopia

167.1550, -78.9564, 31.4361

Deuteranopia

172.4940, -62.8545, 46.9248



Tritanopia

173.7700, 15.3964, -38.3863

Trichromacy



Original Color

152.8250, -65.4827, -43.6965

Protanomaly

162.2440, -74.0703, 4.1710

Deuteranomaly

165.0570, -63.6251, 13.9820

Tritanomaly

166.0770, -13.8420, -40.4095

Monochromacy



Original Color

152.8250, -65.4827, -43.6965

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.2990, -23.8114, -16.0482

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.8250, -65.4827, -43.6965 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(103, 204, 20)` looks like.

```
.text, #text, p{  
    color:rgb(103, 204, 20)  
}
```

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(103, 204, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 204, 20) }
```

Border

The CSS property to change the border of an element to YUV 152.8250, -65.4827, -43.6965 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(103, 204, 20) }
```


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

```
.border{ border-color:rgb(103, 204, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 204, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 204, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 204, 20);  
box-shadow:4px 4px 4px 4px rgb(103, 204,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 152.8250, -65.4827, -43.6965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 204, 20) }
```

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

```
.background{ background-color: rgb(103,  
204, 20) }
```

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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