

Converting Colors

YUV(150.1240, -52.3191,
-65.8837)

Have a look what the booklet for
YUV(150.1240, -52.3191, -65.8837)
contains.

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Color

**YUV(150.1240, -52.3191,
-65.8837)**

Conversions

Conversions Part 1

Format	Color
Hex	4BD12C
RGB	75, 209, 44
RGB Percent	29%, 82%, 17%
CMY	0.7059, 0.1804, 0.8275
CMYK	0.64, 0.00, 0.79, 0.18
HSL	109°, 65%, 50%
HSV	109°, 79%, 82%
XYZ	26.1567, 47.2786, 10.1300
YIQ	150.1240, -26.8990, -79.7230

Conversions

Conversions Part 2

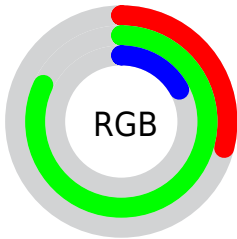
Format	Color
RYB	44, 209, 178
Decimal	4968748
CIELab	74.37, -64.29, 65.18
CIELCh	74, 91.552, 134.605
Yxy	47.2786, 0.3130, 0.5658
Android (android.graphics.Color)	4283158828 (0xFF4BD12C)
YUV	150.1240, -52.3191, -65.8837
Hunter-Lab	68.7595, -52.4260, 39.3967

Details

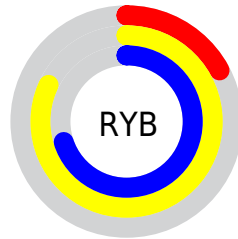
The YUV color **150.1240, -52.3191, -65.8837** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **102.8760, 52.3191, 65.8837**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.9880, -49.2941, -56.1175**, and **89.8110, -44.2768, -78.7642** is the 20% darker color. If you saturate the color by 10%, you get **142.6470, -58.9860, -74.2354**, and if you desaturate by 10%, it is **157.6010, -45.6523, -57.5321**.

Distribution



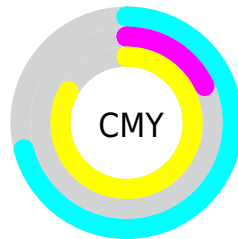
- Red (29%)
- Green (82%)
- Blue (17%)



- Red (17%)
- Yellow (82%)
- Blue (70%)



- Cyan (64%)
- Magenta (0%)
- Yellow (79%)
- Black (18%)



- Cyan (71%)
- Magenta (18%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.1240, -52.3191, -65.8837 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 150.1240, -52.3191, -65.8837 by changing the saturation by 10% instead.

■ 150.1240,
-52.3191, -65.8837

■ 150.1240,
-52.3191, -65.8837

■ 255.0000, 0.0000,
0.0000

■ 116.1140,
-57.2442, -72.8910

■ 202.9880,
-49.2941, -56.1175

■ 89.8110, -44.2768,
-78.7642

■ 215.4490,
-41.6334, -39.8588

■ 73.9620, -36.4633,
-64.8647

■ 227.6110,
-33.8252, -24.2148

■ 58.7000, -28.9391,
-51.4799

■ 240.1860,
-25.7277, -8.0561

■ 43.4380, -21.4149,
-38.0951

■ 250.6680,
-16.5983, 3.7992

■ 29.9370, -14.7589,
-26.2547

■ 253.9740, -3.9312,

■ 14.0880, -6.9454,

0.8998

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 150.1240,
-52.3191, -65.8837

■ 150.1240,
-52.3191, -65.8837

■ 142.6470,
-58.9860, -74.2354

■ 157.6010,
-45.6523, -57.5321

■ 135.1700,
-65.6528, -82.5871

■ 165.0780,
-38.9855, -49.1804

■ 134.3440,
-66.2316, -83.6167

■ 172.5550,
-32.3186, -40.8287

■ 180.0320,
-25.6518, -32.4771

■ 187.5090,
-18.9849, -24.1254

■ 194.8720,
-12.7549, -15.6737

■ 202.3490, -6.0881,
-7.3221

■ 209.8260, 0.5788,
1.0296

■ 217.3030, 7.2456,
9.3813

Harmonies

Analogous

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



167.1220, -82.3911, 13.0480



150.1240, -52.3191, -65.8837



143.3560, -4.1195, -125.7232

Triad

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



150.1240, -52.3191, -65.8837



149.4050, 52.0583, -131.0282



143.9580, 1.0067, 97.3838

Complementary

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



150.1240, -52.3191, -65.8837



102.8760, 52.3191, 65.8837

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.



158.8170, 35.0932, 84.3525



150.1240, -52.3191, -65.8837



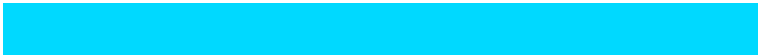
143.4120, 55.0129, -98.5853

Square

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



150.1240, -52.3191, -65.8837



156.4490, 48.5856, -137.2058



181.5260, 36.2227, 48.6507



155.8560, -44.7920, 86.9493

Rectangle

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



150.1240, -52.3191, -65.8837



151.2560, 21.0728, -132.6515



181.5260, 36.2227, 48.6507



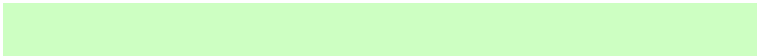
144.8020, 14.3946, 96.6436

Sweetspot

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



150.1240, -52.3191, -65.8837



233.0960, -19.2743, -24.6402



170.8190, -62.5218, 33.4847



114.5130, -11.5919, -15.3589



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.



150.1240, -52.3191, -65.8837



168.5090, -76.6659, -96.9164



146.5550, -25.9096, -89.9407



101.0550, -3.4781, -4.4332



108.1840, -53.3347, -66.8134



26.4590, -13.0443, -16.1885

Inverse Universe

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



102.8760, 52.3191, 65.8837



99.1920, 76.8133, 96.3016



106.5590, 26.3464, 89.8408



97.9450, 3.4781, 4.4332



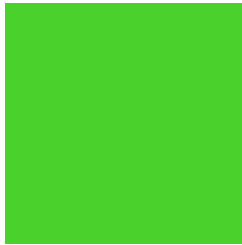
60.1150, 53.1873, 67.4281



14.5410, 13.0443, 16.1885

Previews

White Background



This preview shows how the YUV color 150.1240, -52.3191, -65.8837 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 150.1240, -52.3191, -65.8837 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 150.1240, -52.3191, -65.8837 Background



This preview shows how black text looks on a background with the YUV color 150.1240, -52.3191, -65.8837.



This preview shows how white text looks on a background with the YUV color 150.1240, -52.3191, -65.8837.

-65.8837.

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

150.1240, -52.3191, -65.8837

Protanopia

172.0480, -66.5787, 28.0219

Deuteranopia

175.7910, -56.5920, 44.9103



Tritanopia

171.5940, 18.9342, -53.1409

Trichromacy



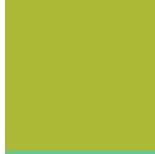
Original Color

150.1240, -52.3191, -65.8837



Protanomaly

164.2070, -61.2341, -6.3205



Deuteranomaly

166.2930, -54.8674, 5.0050



Tritanomaly

163.8020, -6.8044, -57.7084

Monochromacy



Original Color

150.1240, -52.3191, -65.8837



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.8080, -19.1323, -23.5106

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.1240, -52.3191, -65.8837 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, 209, 44)` looks like.

```
.text, #text, p{  
    color:rgb(75, 209, 44)  
}
```

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, 209, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 209, 44) }
```

Border

The CSS property to change the border of an element to YUV 150.1240, -52.3191, -65.8837 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, 209, 44) }
```


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

```
.border{ border-color:rgb(75, 209, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 209, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 209, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 209, 44);  
box-shadow:4px 4px 4px 4px rgb(75, 209,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 150.1240, -52.3191, -65.8837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 209, 44) }
```

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

```
.background{ background-color: rgb(75, 209,  
44) }
```

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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