

Converting Colors

YUV(132.3650, -51.4519,
-110.8221)

Have a look what the booklet for
YUV(132.3650, -51.4519, -110.8221)
contains.

YUV(132.3650, -51.4519, -110.8221)	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(132.3650, -51.4519,
-110.8221)**

Conversions

Conversions Part 1

Format	Color
Hex	06D91C
RGB	6, 217, 28
RGB Percent	2%, 85%, 11%
CMY	0.9765, 0.1490, 0.8902
CMYK	0.97, 0.00, 0.87, 0.15
HSL	126°, 95%, 44%
HSV	126°, 97%, 85%
XYZ	25.0976, 49.7483, 9.3782
YIQ	132.3650, -65.0870, -103.5110

Conversions

Conversions Part 2

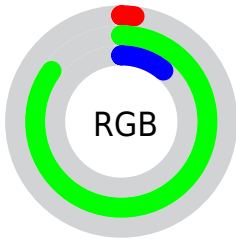
Format	Color
RYB	6, 197, 217
Decimal	448796
CIELab	75.91, -75.41, 70.15
CIELCh	76, 102.991, 137.069
Yxy	49.7483, 0.2980, 0.5907
Android (android.graphics.Color)	4278638876 (0xFF06D91C)
YUV	132.3650, -51.4519, -110.8221
Hunter-Lab	70.5325, -59.9161, 41.4893

Details

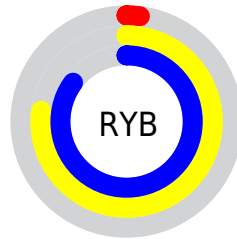
The YUV color **132.3650, -51.4519, -110.8221** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **90.6350, 51.4519, 110.8221**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.2910, -48.9505, -73.0462**, and **93.9200, -46.3026, -82.3678** is the 20% darker color. If you saturate the color by 10%, you get **130.0010, -52.7515, -114.0109**, and if you desaturate by 10%, it is **141.1090, -46.3957, -99.1966**.

Distribution



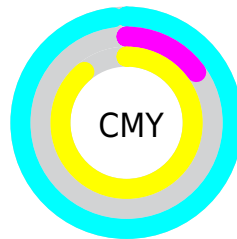
- Red (2%)
- Green (85%)
- Blue (11%)



- Red (2%)
- Yellow (77%)
- Blue (85%)



- Cyan (97%)
- Magenta (0%)
- Yellow (87%)
- Black (15%)



- Cyan (98%)
- Magenta (15%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.3650, -51.4519, -110.8221 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 132.3650, -51.4519, -110.8221 by changing the saturation by 10% instead.

■ 132.3650,
-51.4519, -110.8221

■ 132.3650,
-51.4519, -110.8221

255.0000, 0.0000,
0.0000

■ 110.3560,
-54.4055, -96.7822

■ 193.2910,
-48.9505, -73.0462

■ 93.9200, -46.3026,
-82.3678

■ 206.4640,
-41.1478, -55.6579

■ 78.0710, -38.4890,
-68.4683

■ 219.2240,
-33.6344, -38.7844

■ 62.2220, -30.6754,
-54.5687

■ 232.0980,
-25.6843, -22.0109

■ 46.9600, -23.1513,
-41.1839

■ 244.9720,
-17.7342, -5.2374

■ 32.8720, -16.2059,
-28.8287

■ 253.1760, -6.9888,

■ 17.0230, -8.3923,

1.5996

-14.9292

■ 0.0000, 0.0000,
0.0000

■ 132.3650,
-51.4519, -110.8221

■ 132.3650,
-51.4519, -110.8221

■ 130.0010,
-52.7515, -114.0109

■ 141.1090,
-46.3957, -99.1966

■ 149.6680,
-40.7553, -88.2858

■ 158.4120,
-35.6991, -76.6603

■ 167.2700,
-30.2061, -65.1348

■ 175.7150,
-25.0025, -54.1241

■ 184.5730,
-19.5095, -42.5985

■ 193.3170,
-14.4533, -30.9730

■ 202.0610, -9.3971,
-19.3475

■ 210.6200, -3.7567,
-8.4367

Harmonies

Analogous

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



169.1380, -83.3850, 5.1410



132.3650, -51.4519, -110.8221



148.1490, -3.5245, -129.9267

Triad

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



132.3650, -51.4519, -110.8221



152.9270, 50.3220, -134.1170



130.1320, 3.8789, 109.5092

Complementary

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



132.3650, -51.4519, -110.8221



90.6350, 51.4519, 110.8221

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.



144.9570, 42.9122, 96.5077



132.3650, -51.4519, -110.8221



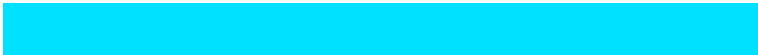
134.7300, 59.2931, -118.1582

Square

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



132.3650, -51.4519, -110.8221



161.1450, 46.2705, -141.3242



182.2120, 35.8845, 63.8351



151.5870, -53.5334, 90.6932

Rectangle

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



132.3650, -51.4519, -110.8221



157.5480, 24.8728, -138.1696



182.2120, 35.8845, 63.8351



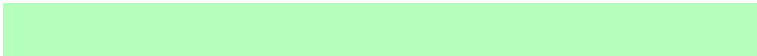
127.7960, 20.3136, 111.5579

Sweetspot

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



132.3650, -51.4519, -110.8221



225.3500, -17.9205, -38.8949



186.6670, -89.0688, 8.1850



109.9850, -10.8386, -23.6658



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.



132.3650, -51.4519, -110.8221



152.7630, -62.0012, -133.9732



144.3350, -5.5882, -121.3198



105.5710, -2.7465, -5.7628



103.6030, -42.2023, -90.8598



27.5720, -11.1280, -24.1806

Inverse Universe

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



90.6350, 51.4519, 110.8221



102.2370, 62.0012, 133.9732



78.6650, 5.5882, 121.3198



103.4290, 2.7465, 5.7628



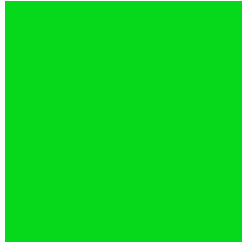
69.3970, 42.2023, 90.8598



18.4280, 11.1280, 24.1806

Previews

White Background



This preview shows how the YUV color 132.3650, -51.4519, -110.8221 looks on a white background.

Color Contrast Check

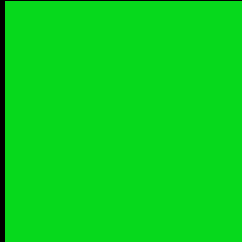
Large Text (above 18pt) WCAG AA × Fail

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 132.3650, -51.4519, -110.8221 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 132.3650, -51.4519, -110.8221 Background



This preview shows how black text looks on a background with the YUV color 132.3650, -51.4519, -110.8221.



This preview shows how white text looks on a background with the YUV color 132.3650, -51.4519, -110.8221.

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

132.3650, -51.4519, -110.8221

Protanopia

173.6110, -77.2092, 31.0362

Deuteranopia

179.1350, -61.6916, 47.2396



Tritanopia

170.6350, 23.3509, -69.8399

Trichromacy



Original Color

132.3650, -51.4519, -110.8221



Protanomaly

158.3980, -67.7372, -20.5200



Deuteranomaly

162.0970, -57.7288, -10.6091



Tritanomaly

156.4350, -3.6655, -84.5735

Monochromacy



Original Color

132.3650, -51.4519, -110.8221



Achromatopsia

132.0000, 0.0000, 0.0000



Achromatomaly

132.1110, -18.7887, -40.4393

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.3650, -51.4519, -110.8221 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(6, 217, 28)` looks like.

```
.text, #text, p{  
    color:rgb(6, 217, 28)  
}
```

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(6, 217, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 217, 28) }
```

Border

The CSS property to change the border of an element to YUV 132.3650, -51.4519, -110.8221 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(6, 217, 28) }
```


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

```
.border{ border-color:rgb(6, 217, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 217, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 217, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 217, 28);  
box-shadow:4px 4px 4px 4px rgb(6, 217, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 132.3650, -51.4519, -110.8221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 217, 28) }
```

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

```
.background{ background-color: rgb(6, 217,  
28) }
```

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