

Converting Colors

YUV(112.4710, -51.9972,
-75.8351)

Have a look what the booklet for
YUV(112.4710, -51.9972, -75.8351)
contains.

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Color

**YUV(112.4710, -51.9972,
-75.8351)**

Conversions

Conversions Part 1

Format	Color
Hex	1AB107
RGB	26, 177, 7
RGB Percent	10%, 69%, 3%
CMY	0.8980, 0.3059, 0.9725
CMYK	0.85, 0.00, 0.96, 0.31
HSL	113°, 92%, 36%
HSV	113°, 96%, 69%
XYZ	16.1865, 31.6792, 5.4626
YIQ	112.4710, -35.4260, -84.8820

Conversions

Conversions Part 2

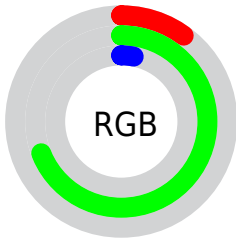
Format	Color
RYB	7, 177, 158
Decimal	1749255
CIELab	63.08, -63.70, 62.58
CIELCh	63, 89.296, 135.511
Yxy	31.6792, 0.3035, 0.5940
Android (android.graphics.Color)	4279939335 (0xFF1AB107)
YUV	112.4710, -51.9972, -75.8351
Hunter-Lab	56.2843, -47.1637, 33.6447

Details

The YUV color **112.4710, -51.9972, -75.8351** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **71.5290, 51.9972, 75.8351**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.3460, -48.9776, -64.3244**, and **72.2010, -35.5951, -63.3203** is the 20% darker color. If you saturate the color by 10%, you get **109.8790, -54.1703, -78.8239**, and if you desaturate by 10%, it is **119.3070, -46.4934, -67.7982**.

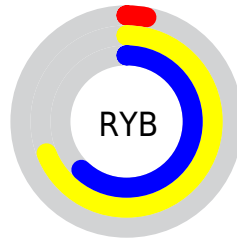
Distribution



Red (10%)

Green (69%)

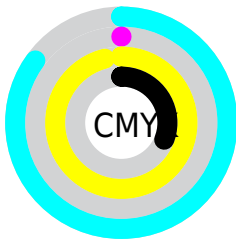
Blue (3%)



Red (3%)

Yellow (69%)

Blue (62%)

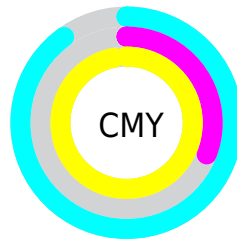


Cyan (85%)

Magenta (0%)

Yellow (96%)

Black (31%)



Cyan (90%)

Magenta (31%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.4710, -51.9972, -75.8351 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 112.4710, -51.9972, -75.8351 by changing the saturation by 10% instead.

■ 112.4710,
-51.9972, -75.8351

■ 112.4710,
-51.9972, -75.8351

255.0000, 0.0000,
0.0000

■ 87.4630, -43.1193,
-76.7051

■ 177.3460,
-48.9776, -64.3244

■ 72.2010, -35.5951,
-63.3203

■ 202.1340,
-47.3941, -58.8765

■ 56.3520, -27.7815,
-49.4207

■ 214.1820,
-40.0227, -43.1326

■ 41.6770, -20.5468,
-36.5507

■ 226.6430,
-32.3620, -26.8739

■ 28.1760, -13.8908,
-24.7104

■ 238.9190,
-24.1171, -11.3300

■ 11.1530, -5.4984,
-9.7812

■ 250.8960,

■ 0.0000, 0.0000,

-15.7247, 3.5992

0.0000

254.2020, -3.0576,
0.6998

■ 112.4710,
-51.9972, -75.8351

■ 112.4710,
-51.9972, -75.8351

■ 109.8790,
-54.1703, -78.8239

■ 119.3070,
-46.4934, -67.7982

■ 125.7300,
-41.2789, -60.2762

■ 132.5660,
-35.7750, -52.2394

■ 139.4020,
-30.2712, -44.2026

■ 146.1240,
-25.2041, -36.0657

■ 152.6610,
-19.5529, -28.6437

■ 159.4970,
-14.0490, -20.6069

■ 166.3330, -8.5452,
-12.5700

■ 172.7560, -3.3307,
-5.0480

Harmonies

Analogous

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



138.7480, -68.4028, 6.3600



112.4710, -51.9972, -75.8351



120.5480, -5.2002, -105.7206

Triad

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



112.4710, -51.9972, -75.8351



130.6210, 61.3188, -114.5546



117.5310, -1.2478, 120.5603

Complementary

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



112.4710, -51.9972, -75.8351



71.5290, 51.9972, 75.8351

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.



132.5210, 30.8021, 107.4141



112.4710, -51.9972, -75.8351



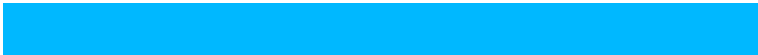
116.5330, 68.2642, -102.1994

Square

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



112.4710, -51.9972, -75.8351



137.0780, 58.1355, -120.2174



153.7610, 49.9108, 44.9366



135.6410, -48.6300, 104.6778

Rectangle

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



112.4710, -51.9972, -75.8351



128.1060, 18.6817, -112.3490



153.7610, 49.9108, 44.9366



115.9130, 12.8609, 121.9793

Sweetspot

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



112.4710, -51.9972, -75.8351



204.4220, -20.4210, -30.1881



145.8800, -68.4678, 27.2922



99.6760, -12.1653, -18.1329



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



112.4710, -51.9972, -75.8351



142.7840, -70.3925, -102.4196



114.2000, -20.8046, -94.0144



85.5820, -2.7519, -4.0184



94.8940, -46.7827, -68.3130



16.1590, -7.9664, -11.5404

Inverse Universe

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



71.5290, 51.9972, 75.8351



87.2160, 70.3925, 102.4196



69.8000, 20.8046, 94.0144



83.4180, 2.7519, 4.0184



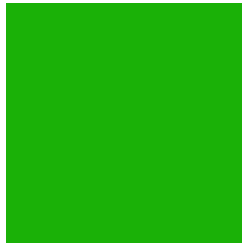
58.1060, 46.7827, 68.3130



9.8410, 7.9664, 11.5404

Previews

White Background



This preview shows how the YUV color 112.4710, -51.9972, -75.8351 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 112.4710, -51.9972, -75.8351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

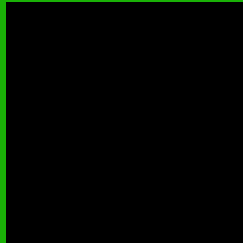
Any Text WCAG AA ✓ Pass

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 112.4710, -51.9972, -75.8351 Background



This preview shows how black text looks on a background with the YUV color 112.4710, -51.9972, -75.8351.



This preview shows how white text looks on a background with the YUV color 112.4710, -51.9972, -75.8351.

-75.8351.

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

112.4710, -51.9972, -75.8351

Protanopia

140.3530, -69.1940, 26.8774

Deuteranopia

145.7840, -52.6445, 38.7774



Tritanopia

140.4690, 18.5028, -54.7853

Trichromacy



Original Color

112.4710, -51.9972, -75.8351



Protanomaly

130.1310, -62.6756, -10.6389



Deuteranomaly

133.5200, -52.5144, -3.0870



Tritanomaly

130.0680, -6.9355, -62.3266

Monochromacy



Original Color

112.4710, -51.9972, -75.8351



Achromatopsia

112.0000, 0.0000, 0.0000



Achromatomaly

112.4870, -18.9741, -27.6141

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.4710, -51.9972, -75.8351 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(26, 177, 7)` looks like.

```
.text, #text, p{  
    color:rgb(26, 177, 7)  
}
```

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(26, 177, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 177, 7) }
```

Border

The CSS property to change the border of an element to YUV 112.4710, -51.9972, -75.8351 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(26, 177, 7) }
```


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

```
.border{ border-color:rgb(26, 177, 7) }
```

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

Here you see how a box with a 4 pixel rgb(26, 177, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 177, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 177, 7);  
box-shadow:4px 4px 4px 4px rgb(26, 177, 7)  
}
```

Background

The CSS property to change the background color of an element to YUV 112.4710, -51.9972, -75.8351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 177, 7) }
```

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

```
.background{ background-color: rgb(26, 177,  
7) }
```

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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