

Converting Colors

YUV(116.9720, -51.7512,
-61.3654)

Have a look what the booklet for
YUV(116.9720, -51.7512, -61.3654)
contains.

YUV(116.9720, -51.7512, -61.3654)	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(116.9720, -51.7512,
-61.3654)**

Conversions

Conversions Part 1

Format	Color
Hex	2FAD0C
RGB	47, 173, 12
RGB Percent	18%, 68%, 5%
CMY	0.8157, 0.3216, 0.9529
CMYK	0.73, 0.00, 0.93, 0.32
HSL	107°, 87%, 36%
HSV	107°, 93%, 68%
XYZ	16.1822, 30.5180, 5.3855
YIQ	116.9720, -23.4150, -76.7830

Conversions

Conversions Part 2

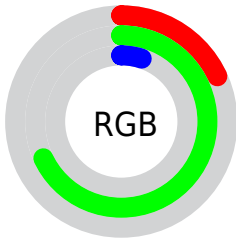
Format	Color
RYB	12, 173, 138
Decimal	3124492
CIELab	62.10, -59.51, 61.24
CIELCh	62, 85.391, 134.181
Yxy	30.5180, 0.3107, 0.5859
Android (android.graphics.Color)	4281314572 (0xFF2FAD0C)
YUV	116.9720, -51.7512, -61.3654
Hunter-Lab	55.2431, -44.3879, 32.8902

Details

The YUV color **116.9720, -51.7512, -61.3654** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **68.0280, 51.7512, 61.3654**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1020, -48.8573, -56.2175**, and **69.8530, -34.4375, -61.2611** is the 20% darker color. If you saturate the color by 10%, you get **112.9130, -55.6661, -65.6987**, and if you desaturate by 10%, it is **123.0960, -46.3893, -54.4582**.

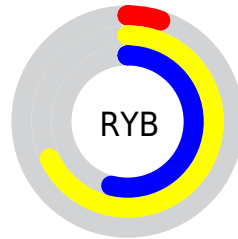
Distribution



Red (18%)

Green (68%)

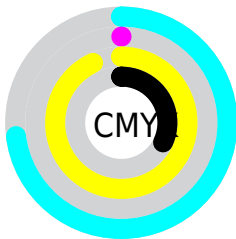
Blue (5%)



Red (5%)

Yellow (68%)

Blue (54%)

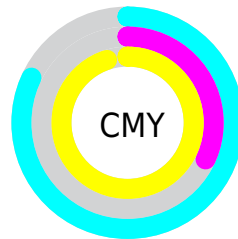


Cyan (73%)

Magenta (0%)

Yellow (93%)

Black (32%)



Cyan (82%)

Magenta (32%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.9720, -51.7512, -61.3654 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 116.9720, -51.7512, -61.3654 by changing the saturation by 10% instead.

■ 116.9720,
-51.7512, -61.3654

■ 116.9720,
-51.7512, -61.3654

■ 255.0000, 0.0000,
0.0000

■ 85.7020, -42.2511,
-75.1607

■ 178.1020,
-48.8573, -56.2175

■ 69.8530, -34.4375,
-61.2611

■ 204.8250,
-48.7207, -53.3435

■ 54.5910, -26.9134,
-47.8763

■ 216.6880,
-40.7652, -38.3144

■ 39.9160, -19.6786,
-35.0063

■ 228.8500,
-32.9570, -22.6704

■ 26.4150, -13.0226,
-23.1660

■ 241.3110,
-25.2963, -6.4117

■ 8.2180, -4.0515,
-7.2072

■ 250.8960,

■ 0.0000, 0.0000,

-15.7247, 3.5992

0.0000

254.3160, -2.6208,
0.5999

■ 116.9720,
-51.7512, -61.3654

■ 116.9720,
-51.7512, -61.3654

■ 112.9130,
-55.6661, -65.6987

■ 123.0960,
-46.3893, -54.4582

■ 129.0350,
-40.4433, -48.2657

■ 135.1590,
-35.0814, -41.3584

■ 140.9840,
-29.5721, -35.0660

■ 147.2220,
-23.7734, -28.2587

■ 153.0470,
-18.2642, -21.9662

■ 159.1710,
-12.9023, -15.0590

■ 164.9960, -7.3930,
-8.7665

■ 171.2340, -1.5944,
-1.9592

Harmonies

Analogous

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



136.9980, -67.5400, 9.6488



116.9720, -51.7512, -61.3654



117.7440, -5.7898, -103.2615

Triad

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



116.9720, -51.7512, -61.3654



128.8600, 62.1870, -113.0102



121.3950, -1.6737, 117.1716

Complementary

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



116.9720, -51.7512, -61.3654



68.0280, 51.7512, 61.3654

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.



136.4020, 27.9028, 104.0104



116.9720, -51.7512, -61.3654



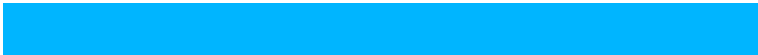
115.3590, 68.8430, -101.1698

Square

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



116.9720, -51.7512, -61.3654



135.3170, 59.0037, -118.6730



152.2440, 50.6587, 38.3740



136.4390, -45.5724, 103.9780

Rectangle

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



116.9720, -51.7512, -61.3654



125.5470, 16.4923, -110.1047



152.2440, 50.6587, 38.3740



121.8970, 10.4038, 116.7313

Sweetspot

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



116.9720, -51.7512, -61.3654



202.2810, -19.8585, -23.9254



132.3400, -59.3276, 35.6588



98.6980, -12.1761, -14.6441



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



116.9720, -51.7512, -61.3654



146.1390, -72.0465, -85.1909



111.4090, -27.8096, -87.1817



83.8810, -2.8993, -3.4036



97.9170, -48.2731, -56.9322



14.9960, -7.3930, -8.7665

Inverse Universe

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



68.0280, 51.7512, 61.3654



78.1600, 71.8991, 85.8057



73.5910, 27.8096, 87.1817



81.1190, 2.8993, 3.4036



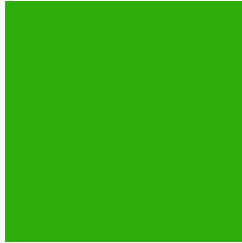
52.3820, 48.1257, 57.5470



8.0040, 7.3930, 8.7665

Previews

White Background



This preview shows how the YUV color 116.9720, -51.7512, -61.3654 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 116.9720, -51.7512, -61.3654 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 116.9720, -51.7512, -61.3654 Background



This preview shows how black text looks on a background with the YUV color 116.9720, -51.7512, -61.3654.



This preview shows how white text looks on a background with the YUV color 116.9720, -51.7512, -61.3654.

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

116.9720, -51.7512, -61.3654

Protanopia

137.6950, -67.8836, 26.5775

Deuteranopia

143.0120, -51.7709, 38.5775



Tritanopia

139.4590, 17.0287, -48.6375

Trichromacy



Original Color

116.9720, -51.7512, -61.3654



Protanomaly

130.2780, -62.2551, -5.5058



Deuteranomaly

133.7810, -51.6570, 1.9461



Tritanomaly

131.1940, -7.9836, -52.7901

Monochromacy



Original Color

116.9720, -51.7512, -61.3654



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

116.9330, -18.7010, -21.8662

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.9720, -51.7512, -61.3654 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(47, 173, 12)` looks like.

```
.text, #text, p{  
    color:rgb(47, 173, 12)  
}
```

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(47, 173, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 173, 12) }
```

Border

The CSS property to change the border of an element to YUV 116.9720, -51.7512, -61.3654 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(47, 173, 12) }
```


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

```
.border{ border-color:rgb(47, 173, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 173, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 173, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 173, 12);  
box-shadow:4px 4px 4px 4px rgb(47, 173,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 116.9720, -51.7512, -61.3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 173, 12) }
```

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

```
.background{ background-color: rgb(47, 173,  
12) }
```

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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