

Converting Colors

YUV(120.5590, -58.4496,
-12.7682)

Have a look what the booklet for
YUV(120.5590, -58.4496, -12.7682)
contains.

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Color

**YUV(120.5590, -58.4496,
-12.7682)**

Conversions

Conversions Part 1

Format	Color
Hex	6A9702
RGB	106, 151, 2
RGB Percent	42%, 59%, 1%
CMY	0.5843, 0.4078, 0.9922
CMYK	0.30, 0.00, 0.99, 0.41
HSL	78°, 97%, 30%
HSV	78°, 99%, 59%
XYZ	17.0214, 25.2018, 4.0247
YIQ	120.5590, 21.0090, -55.8790

Conversions

Conversions Part 2

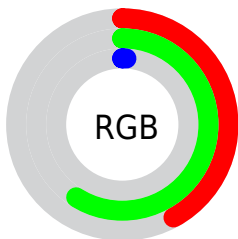
Format	Color
R_{YB}	2, 151, 47
Decimal	6985474
CIE _{Lab}	57.27, -33.99, 59.71
CIE _{LCh}	57, 68.706, 119.655
Yxy	25.2018, 0.3680, 0.5449
Android (android.graphics.Color)	4285175554 (0xFF6A9702)
YUV	120.5590, -58.4496, -12.7682
Hunter-Lab	50.2014, -27.3297, 30.3876

Details

The YUV color **120.5590, -58.4496, -12.7682** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **32.4410, 58.4496, 12.7682**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.8670, -52.1924, -13.0384**, and **74.2480, -36.6043, -19.5115** is the 20% darker color. If you saturate the color by 10%, you get **120.0320, -59.1758, -13.1831**, and if you desaturate by 10%, it is **123.7640, -52.6347, -11.1940**.

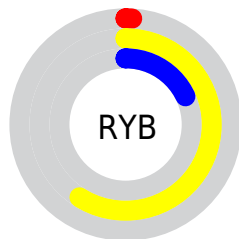
Distribution



Red (42%)

Green (59%)

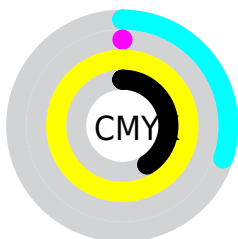
Blue (1%)



Red (1%)

Yellow (59%)

Blue (18%)

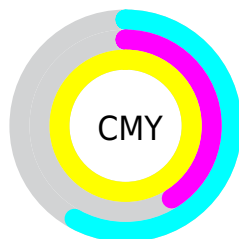


Cyan (30%)

Magenta (0%)

Yellow (99%)

Black (41%)



Cyan (58%)

Magenta (41%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.5590, -58.4496, -12.7682 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 120.5590, -58.4496, -12.7682 by changing the saturation by 10% instead.

■ 120.5590,
-58.4496, -12.7682

■ 120.5590,
-58.4496, -12.7682

■ 255.0000, 0.0000,
0.0000

■ 96.9960, -47.8190,
-15.7825

■ 176.8670,
-52.1924, -13.0384

■ 74.2480, -36.6043,
-19.5115

■ 205.4540,
-52.4818, -13.5532

■ 50.3040, -24.7999,
-25.6996

■ 229.5300,
-51.0403, -9.2348

■ 30.5240, -15.0483,
-26.7695

■ 241.5780,
-43.6690, 6.5091

■ 19.3710, -9.5499,
-16.9884

■ 246.6780,
-31.8863, 7.2984

■ 0.0000, 0.0000,
0.0000

■ 249.8700,

-19.6559, 4.4990

■ 253.1760, -6.9888,
1.5996

■ 120.5590,
-58.4496, -12.7682

■ 120.5590,
-58.4496, -12.7682

■ 120.0320,
-59.1758, -13.1831

■ 123.7640,
-52.6347, -11.1940

■ 126.6700,
-46.6723, -10.2346

■ 129.8750,
-40.8574, -8.6604

■ 132.7810,
-34.8950, -7.7009

■ 135.9860,
-29.0801, -6.1267

■ 139.0060,
-22.6810, -5.2673

■ 142.2110,
-16.8660, -3.6930

■ 145.1170,
-10.9037, -2.7336

■ 148.3220, -5.0887,
-1.1594

Harmonies

Analogous

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



128.8790, -63.5373, 32.5551



120.5590, -58.4496, -12.7682



102.2420, -14.4163, -89.6662

Triad

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



120.5590, -58.4496, -12.7682



120.8070, 59.2551, -105.9477



130.0980, 5.3747, 96.3841

Complementary

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



120.5590, -58.4496, -12.7682



32.4410, 58.4496, 12.7682

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.



138.8820, 29.6382, 60.6165



120.5590, -58.4496, -12.7682



114.1850, 69.4218, -100.1402

Square

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



120.5590, -58.4496, -12.7682



118.4980, 37.7155, -103.9227



138.7840, 51.3785, -5.9496



129.5300, -23.4323, 96.0052

Rectangle

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



120.5590, -58.4496, -12.7682



108.6770, 2.6242, -95.3097



138.7840, 51.3785, -5.9496



132.9320, 13.8375, 88.6366

Sweetspot

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



120.5590, -58.4496, -12.7682



184.1910, -23.2652, -4.5525



72.9660, -34.9862, 68.4358



92.0200, -13.8139, -2.6485



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



120.5590, -58.4496, -12.7682



156.0150, -76.9154, -16.6762



98.4330, -47.5415, -58.2617



75.1910, -3.0522, -1.0445



111.4820, -54.9606, -11.8237



10.3220, -5.0887, -1.1594

Inverse Universe

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



32.4410, 58.4496, 12.7682



39.9850, 76.9154, 16.6762



54.5670, 47.5415, 58.2617



70.5100, 3.1996, 0.4297



28.5180, 54.9606, 11.8237



2.6780, 5.0887, 1.1594

Previews

White Background



This preview shows how the YUV color 120.5590, -58.4496, -12.7682 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 120.5590, -58.4496, -12.7682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

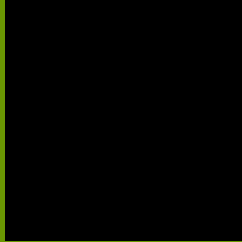
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 120.5590, -58.4496, -12.7682 Background



This preview shows how black text looks on a background with the YUV color 120.5590, -58.4496, -12.7682.



This preview shows how white text looks on a background with the YUV color 120.5590, -58.4496, -12.7682.

-12.7682.

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

120.5590, -58.4496, -12.7682

Protanopia

126.7640, -62.4947, 24.7630

Deuteranopia

131.3430, -50.4551, 36.5332



Tritanopia

135.3880, 8.1897, -13.4953

Trichromacy



Original Color

120.5590, -58.4496, -12.7682

Protanomaly

124.4310, -60.8515, 11.0230

Deuteranomaly

127.7230, -53.6004, 18.6599

Tritanomaly

129.9710, -16.2547, -13.1296

Monochromacy



Original Color

120.5590, -58.4496, -12.7682

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0600, -21.2286, -4.4376

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.5590, -58.4496, -12.7682 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(106, 151, 2)` looks like.

```
.text, #text, p{  
    color:rgb(106, 151, 2)  
}
```

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(106, 151, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 151, 2) }
```

Border

The CSS property to change the border of an element to YUV 120.5590, -58.4496, -12.7682 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(106, 151, 2) }
```


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

```
.border{ border-color:rgb(106, 151, 2) }
```

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

Here you see how a box with a 4 pixel rgb(106, 151, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 151, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 151, 2);  
box-shadow:4px 4px 4px 4px rgb(106, 151,  
2) }
```

Background

The CSS property to change the background color of an element to YUV 120.5590, -58.4496, -12.7682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 151, 2) }
```

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

```
.background{ background-color: rgb(106,  
151, 2) }
```

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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