

Converting Colors

YUV(121.3810, -48.5018,
-30.1521)

Have a look what the booklet for
YUV(121.3810, -48.5018, -30.1521)
contains.

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Color

**YUV(121.3810, -48.5018,
-30.1521)**

Conversions

Conversions Part 1

Format	Color
Hex	579E17
RGB	87, 158, 23
RGB Percent	34%, 62%, 9%
CMY	0.6588, 0.3804, 0.9098
CMYK	0.45, 0.00, 0.85, 0.38
HSL	92°, 75%, 35%
HSV	92°, 85%, 62%
XYZ	16.3120, 26.5418, 5.0740
YIQ	121.3810, 1.0190, -57.0370

Conversions

Conversions Part 2

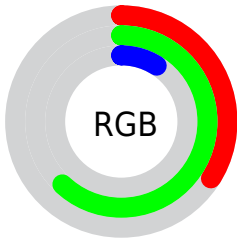
Format	Color
RYB	23, 158, 94
Decimal	5742103
CIELab	58.55, -43.47, 56.56
CIELCh	59, 71.332, 127.543
Yxy	26.5418, 0.3403, 0.5538
Android (android.graphics.Color)	4283932183 (0xFF579E17)
YUV	121.3810, -48.5018, -30.1521
Hunter-Lab	51.5188, -33.6407, 30.2238

Details

The YUV color **121.3810, -48.5018, -30.1521** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **59.6190, 48.5018, 30.1521**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.1360, -46.9020, -29.9373**, and **69.9960, -34.5080, -38.5845** is the 20% darker color. If you saturate the color by 10%, you get **117.1650, -54.3113, -33.4707**, and if you desaturate by 10%, it is **125.5970, -42.6923, -26.8336**.

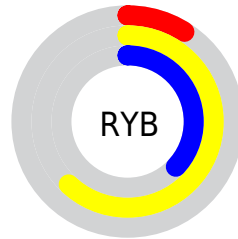
Distribution



Red (34%)

Green (62%)

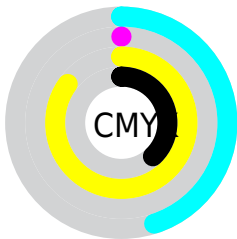
Blue (9%)



Red (9%)

Yellow (62%)

Blue (37%)

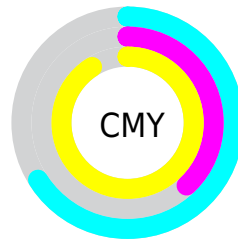


Cyan (45%)

Magenta (0%)

Yellow (85%)

Black (38%)



Cyan (66%)

Magenta (38%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.3810, -48.5018, -30.1521 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 121.3810, -48.5018, -30.1521 by changing the saturation by 10% instead.

■ 121.3810,
-48.5018, -30.1521

■ 121.3810,
-48.5018, -30.1521

■ 255.0000, 0.0000,
0.0000

■ 94.2390, -46.4598,
-31.7816

■ 177.1360,
-46.9020, -29.9373

■ 69.9960, -34.5080,
-38.5845

■ 205.6090,
-47.6282, -30.3521

■ 47.5470, -23.4407,
-41.6987

■ 224.9890,
-43.8716, -21.9154

■ 33.4590, -16.4953,
-29.3435

■ 237.0370,
-36.5002, -6.1714

■ 21.1320, -10.4181,
-18.5328

■ 247.7040,
-27.9551, 6.3986

■ 0.0000, 0.0000,
0.0000

■ 251.0100,

-15.2879, 3.4992

254.3160, -2.6208,
0.5999

■ 121.3810,
-48.5018, -30.1521

■ 121.3810,
-48.5018, -30.1521

■ 117.1650,
-54.3113, -33.4707

■ 125.5970,
-42.6923, -26.8336

■ 115.1710,
-56.7793, -35.2300

■ 130.1120,
-37.0302, -22.9002

■ 134.2140,
-31.6575, -19.4817

■ 138.4300,
-25.8480, -16.1631

■ 142.9450,
-20.1859, -12.2298

■ 147.1610,
-14.3764, -8.9112

■ 151.3770, -8.5669,
-5.5926

■ 155.4790, -3.1941,
-2.1741

■ 159.9940, 2.4680,
1.7593

Harmonies

Analogous

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



130.2860, -64.2310, 21.6742



121.3810, -48.5018, -30.1521



107.7020, -8.7271, -94.4547

Triad

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



121.3810, -48.5018, -30.1521



122.9900, 65.0809, -107.8622



131.3180, -1.6358, 104.9611

Complementary

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



121.3810, -48.5018, -30.1521



59.6190, 48.5018, 30.1521

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.



139.4280, 24.9320, 76.8006



121.3810, -48.5018, -30.1521



113.0110, 70.0006, -99.1106

Square

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



121.3810, -48.5018, -30.1521



123.2400, 45.7307, -108.0815



143.7050, 47.9664, 15.1677



133.2280, -32.1574, 94.5160

Rectangle

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



121.3810, -48.5018, -30.1521



113.8920, 9.9132, -99.8833



143.7050, 47.9664, 15.1677



133.1030, 7.8372, 99.8877

Sweetspot

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



121.3810, -48.5018, -30.1521



192.1730, -19.3123, -12.4297



104.4550, -40.1573, 46.9590



96.1550, -11.9084, -7.1519



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



121.3810, -48.5018, -30.1521



150.8110, -74.3498, -46.3152



102.4730, -38.1942, -69.6978



76.8920, -2.9048, -1.6593



104.2730, -51.4066, -31.8114



10.8980, -5.3727, -3.4185

Inverse Universe

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



59.6190, 48.5018, 30.1521



56.1890, 74.3498, 46.3152



78.5270, 38.1942, 69.6978



73.1080, 2.9048, 1.6593



38.7270, 51.4066, 31.8114



4.1020, 5.3727, 3.4185

Previews

White Background



This preview shows how the YUV color 121.3810, -48.5018, -30.1521 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 121.3810, -48.5018, -30.1521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

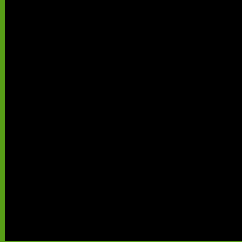
Any Text WCAG AA ✓ Pass

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 121.3810, -48.5018, -30.1521 Background



This preview shows how black text looks on a background with the YUV color 121.3810, -48.5018, -30.1521.



This preview shows how white text looks on a background with the YUV color 121.3810, -48.5018, -30.1521.

-30.1521.

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

121.3810, -48.5018, -30.1521

Protanopia

131.4740, -55.9427, 23.2633

Deuteranopia

135.0270, -47.8343, 35.9333



Tritanopia

136.1090, 11.2853, -26.4056

Trichromacy



Original Color

121.3810, -48.5018, -30.1521

Protanomaly

128.0370, -53.2622, 3.4756

Deuteranomaly

130.1720, -47.9058, 12.1272

Tritanomaly

130.7780, -10.2436, -27.8693

Monochromacy



Original Color

121.3810, -48.5018, -30.1521

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9390, -17.7179, -10.4705

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.3810, -48.5018, -30.1521 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(87, 158, 23)` looks like.

```
.text, #text, p{  
    color:rgb(87, 158, 23)  
}
```

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(87, 158, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 158, 23) }
```

Border

The CSS property to change the border of an element to YUV 121.3810, -48.5018, -30.1521 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(87, 158, 23) }
```


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

```
.border{ border-color:rgb(87, 158, 23) }
```

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

Here you see how a box with a 4 pixel rgb(87, 158, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 158, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 158, 23);  
box-shadow:4px 4px 4px 4px rgb(87, 158,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 121.3810, -48.5018, -30.1521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 158, 23) }
```

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

```
.background{ background-color: rgb(87, 158,  
23) }
```

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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