

Converting Colors

YUV(117.0210, -48.8174,
24.5376)

Have a look what the booklet for
YUV(117.0210, -48.8174, 24.5376)
contains.

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Color

**YUV(117.0210, -48.8174,
24.5376)**

Conversions

Conversions Part 1

Format	Color
Hex	917A12
RGB	145, 122, 18
RGB Percent	57%, 48%, 7%
CMY	0.4314, 0.5216, 0.9294
CMYK	0.00, 0.16, 0.88, 0.43
HSL	49°, 78%, 32%
HSV	49°, 88%, 57%
XYZ	18.7458, 19.9825, 3.4413
YIQ	117.0210, 47.0920, -27.4680

Conversions

Conversions Part 2

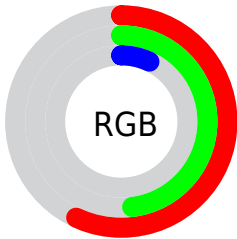
Format	Color
R_{YB}	46, 145, 18
Decimal	9533970
CIE Lab	51.82, -1.27, 53.69
CIE LCh	52, 53.708, 91.358
Yxy	19.9825, 0.4445, 0.4739
Android (android.graphics.Color)	4287724050 (0xFF917A12)
YUV	117.0210, -48.8174, 24.5376
Hunter-Lab	44.7018, -3.3738, 26.7269

Details

The YUV color **117.0210, -48.8174, 24.5376** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **45.9790, 48.8174, -24.5376**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.9720, -47.8072, 27.2116**, and **70.6470, -34.8290, 17.8496** is the 20% darker color. If you saturate the color by 10%, you get **113.5500, -54.5011, 27.5817**, and if you desaturate by 10%, it is **120.3780, -43.5704, 21.5935**.

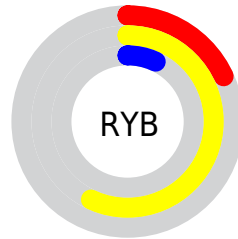
Distribution



Red (57%)

Green (48%)

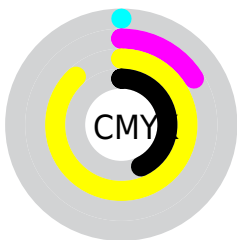
Blue (7%)



Red (18%)

Yellow (57%)

Blue (7%)

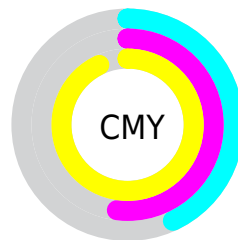


Cyan (0%)

Magenta (16%)

Yellow (88%)

Black (43%)



Cyan (43%)

Magenta (52%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.0210, -48.8174, 24.5376 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 117.0210, -48.8174, 24.5376 by changing the saturation by 10% instead.

■ 117.0210,
-48.8174, 24.5376

■ 117.0210,
-48.8174, 24.5376

■ 255.0000, 0.0000,
0.0000

■ 91.9220, -45.3175,
21.9934

■ 170.9720,
-47.8072, 27.2116

■ 70.6470, -34.8290,
17.8496

■ 198.7550,
-48.6862, 29.1559

■ 49.6600, -24.4824,
12.5762

■ 225.1460,
-48.3860, 26.1820

■ 29.8580, -14.7200,
8.0175

■ 243.4860,
-44.1166, 10.0978

■ 6.2020, -3.0576,
0.6998

■ 246.5640,
-32.3231, 7.3984

■ 0.0000, 0.0000,
0.0000

■ 249.8700,

-19.6559, 4.4990

■ 253.0620, -7.4256,
1.6996

■ 117.0210,
-48.8174, 24.5376

■ 117.0210,
-48.8174, 24.5376

■ 113.5500,
-54.5011, 27.5817

■ 120.3780,
-43.5704, 21.5935

■ 113.2080,
-55.8115, 27.8816

■ 123.2620,
-37.5972, 19.0642

■ 126.6190,
-32.3502, 16.1201

■ 130.0900,
-26.6664, 13.0761

■ 132.9740,
-20.6932, 10.5468

■ 136.3310,
-15.4462, 7.6027

■ 139.1010, -9.9098,
5.1734

■ 142.5720, -4.2260,
2.1294

■ 145.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



119.8410, -38.8686, 53.6364



117.0210, -48.8174, 24.5376



113.0640, -37.4996, -12.3341

Triad

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



117.0210, -48.8174, 24.5376



104.4950, 32.2940, -91.6421



126.1010, 20.6562, 48.1464

Complementary

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



117.0210, -48.8174, 24.5376



45.9790, 48.8174, -24.5376

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.



125.2720, 37.8269, 0.6385



117.0210, -48.8174, 24.5376



105.4360, 48.5921, -92.4674

Square

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



117.0210, -48.8174, 24.5376



99.2510, 12.2013, -87.0431



99.7600, 57.3063, -87.4895



121.6900, 0.6458, 73.0629

Rectangle

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



117.0210, -48.8174, 24.5376



106.1060, -21.2513, -43.9430



99.7600, 57.3063, -87.4895



127.3210, 26.9567, 33.9215

Sweetspot

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



117.0210, -48.8174, 24.5376



178.1310, -18.7986, 9.5321



58.5950, -8.6743, 75.7772



87.7590, -11.2202, 5.4734



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



117.0210, -48.8174, 24.5376



147.4960, -72.7155, 36.3990



118.5620, -49.5771, -11.8939



69.6150, -2.7682, 1.2146



105.5220, -52.0223, 25.8522



5.9140, -2.9156, 1.8294

Inverse Universe

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



45.9790, 48.8174, -24.5376



41.5040, 72.7155, -36.3990



44.4380, 49.5771, 11.8939



65.9720, 2.4788, -1.7294



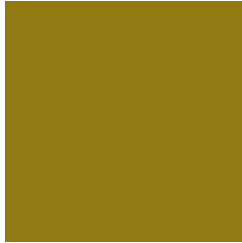
29.4780, 52.0223, -25.8522



1.4990, 3.2050, -1.3146

Previews

White Background



This preview shows how the YUV color 117.0210, -48.8174, 24.5376 looks on a white background.

Color Contrast Check

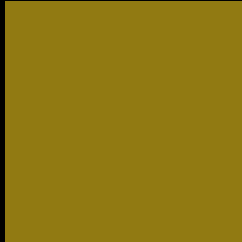
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.0210, -48.8174, 24.5376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

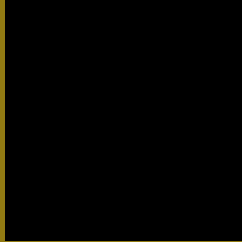
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.0210, -48.8174, 24.5376

Background



This preview shows how black text looks on a background with the YUV color 117.0210, -48.8174, 24.5376.

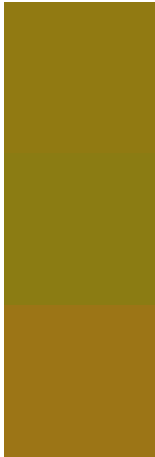


This preview shows how white text looks on a background with the YUV color 117.0210, -48.8174,

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

117.0210, -48.8174, 24.5376

Protanopia

116.5150, -48.0749, 19.7193

Deuteranopia

117.8310, -47.2447, 33.4742



Tritanopia

126.2740, -2.1071, 22.5617

Trichromacy



Original Color

117.0210, -48.8174, 24.5376

Protanomaly

116.5260, -48.0803, 21.4637

Deuteranomaly

117.6950, -47.6706, 30.0855

Tritanomaly

122.8060, -19.1314, 22.9721

Monochromacy



Original Color

117.0210, -48.8174, 24.5376

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0600, -17.7776, 8.7174

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.0210, -48.8174, 24.5376 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(145, 122, 18)` looks like.

```
.text, #text, p{  
    color:rgb(145, 122, 18)  
}
```

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(145, 122, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 122, 18) }
```

Border

The CSS property to change the border of an element to YUV 117.0210, -48.8174, 24.5376 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(145, 122, 18) }
```


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

```
.border{ border-color:rgb(145, 122, 18) }
```

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

Here you see how a box with a 4 pixel rgb(145, 122, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 122, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 122, 18);  
box-shadow:4px 4px 4px 4px rgb(145, 122,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 117.0210, -48.8174, 24.5376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 122, 18) }
```

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

```
.background{ background-color: rgb(145,  
122, 18) }
```

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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