

Converting Colors

YUV(119.5310, -45.6178,
24.9673)

Have a look what the booklet for
YUV(119.5310, -45.6178, 24.9673)
contains.

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Color

**YUV(119.5310, -45.6178,
24.9673)**

Conversions

Conversions Part 1

Format	Color
Hex	947B1B
RGB	148, 123, 27
RGB Percent	58%, 48%, 11%
CMY	0.4196, 0.5176, 0.8941
CMYK	0.00, 0.17, 0.82, 0.42
HSL	48°, 69%, 34%
HSV	48°, 82%, 58%
XYZ	19.4935, 20.5409, 3.9743
YIQ	119.5310, 45.7160, -24.5560

Conversions

Conversions Part 2

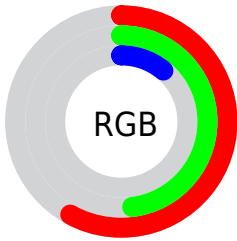
Format	Color
RYB	59, 148, 27
Decimal	9730843
CIELab	52.44, -0.15, 51.66
CIELCh	52, 51.663, 90.168
Yxy	20.5409, 0.4429, 0.4667
Android (android.graphics.Color)	4287920923 (0xFF947B1B)
YUV	119.5310, -45.6178, 24.9673
Hunter-Lab	45.3221, -2.5390, 26.5264

Details

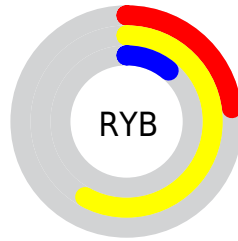
The YUV color **119.5310, -45.6178, 24.9673** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **55.4690, 45.6178, -24.9673**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.1400, -45.9180, 27.9412**, and **71.8320, -35.4132, 18.5643** is the 20% darker color. If you saturate the color by 10%, you get **116.0600, -51.3016, 28.0114**, and if you desaturate by 10%, it is **123.0020, -39.9340, 21.9232**.

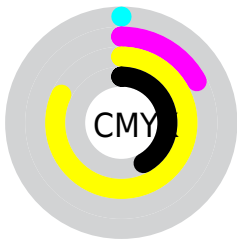
Distribution



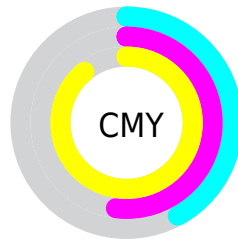
- Red (58%)
- Green (48%)
- Blue (11%)



- Red (23%)
- Yellow (58%)
- Blue (11%)



- Cyan (0%)
- Magenta (17%)
- Yellow (82%)
- Black (42%)



- Cyan (42%)
- Magenta (52%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.5310, -45.6178, 24.9673 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 119.5310, -45.6178, 24.9673 by changing the saturation by 10% instead.

■ 119.5310,
-45.6178, 24.9673

■ 119.5310,
-45.6178, 24.9673

■ 255.0000, 0.0000,
0.0000

■ 93.4060, -46.0492,
23.3229

■ 173.1400,
-45.9180, 27.9412

■ 71.8320, -35.4132,
18.5643

■ 200.9230,
-46.7970, 29.8855

■ 50.5570, -24.9246,
14.4205

■ 226.4170,
-46.0546, 25.0673

■ 31.0430, -15.3042,
8.7323

■ 244.1700,
-41.4958, 9.4979

■ 9.1700, -4.5208,
3.3589

■ 247.2480,
-29.7023, 6.7985

■ 0.0000, 0.0000,
0.0000

■ 250.5540,

-17.0351, 3.8991

253.8600, -4.3680,
0.9998

119.5310,
-45.6178, 24.9673

119.5310,
-45.6178, 24.9673

116.0600,
-51.3016, 28.0114

123.0020,
-39.9340, 21.9232

112.9310,
-55.6750, 30.7555

126.4730,
-34.2502, 18.8792

129.8300,
-29.0032, 15.9351

133.3010,
-23.3194, 12.8910

136.7720,
-17.6356, 9.8470

■ 140.2430,
-11.9518, 6.8029

■ 143.7140, -6.2680,
3.7588

■ 147.0710, -1.0210,
0.8147

■ 151.1290, 4.3734,
-2.7441

Harmonies

Analogous

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



121.9980, -36.9740, 52.6218



119.5310, -45.6178, 24.9673



115.1290, -36.0526, -9.7601

Triad

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



119.5310, -45.6178, 24.9673



104.8540, 31.1310, -91.9570



128.0790, 20.6671, 44.6577

Complementary

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



119.5310, -45.6178, 24.9673



55.4690, 45.6178, -24.9673

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.



127.0330, 36.9587, -0.9059



119.5310, -45.6178, 24.9673



105.7950, 47.4291, -92.7822

Square

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



119.5310, -45.6178, 24.9673



99.8380, 11.9119, -87.5579



100.7060, 55.8539, -88.3192



124.4830, 1.2409, 68.8594

Rectangle

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



119.5310, -45.6178, 24.9673



109.6120, -21.9937, -39.1247



100.7060, 55.8539, -88.3192



128.7830, 26.2360, 31.7623

Sweetspot

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



119.5310, -45.6178, 24.9673



179.6580, -18.0724, 9.9469



66.1430, -6.4795, 71.7886



90.1720, -10.9308, 5.9882



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



119.5310, -45.6178, 24.9673



147.3760, -70.6844, 38.2582



124.0400, -47.8407, -8.8051



72.0280, -2.4788, 1.7294



105.2450, -51.8858, 28.7261



7.6860, -3.7892, 2.0294

Inverse Universe

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



55.4690, 45.6178, -24.9673



48.2110, 70.3950, -38.7730



50.9600, 47.8407, 8.8051



68.3850, 2.7682, -1.2146



32.1680, 52.1752, -28.2113



2.3140, 3.7892, -2.0294

Previews

White Background



This preview shows how the YUV color 119.5310, -45.6178, 24.9673 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 119.5310, -45.6178, 24.9673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

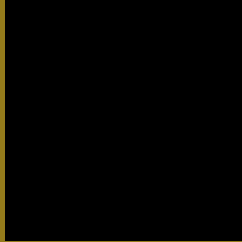
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.5310, -45.6178, 24.9673

Background



This preview shows how black text looks on a background with the YUV color 119.5310, -45.6178, 24.9673.



This preview shows how white text looks on a background with the YUV color 119.5310, -45.6178,

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

119.5310, -45.6178, 24.9673

Protanopia

119.3130, -45.0173, 19.0195

Deuteranopia

120.4010, -45.0607, 32.9743



Tritanopia

127.5730, -2.2545, 23.1765

Trichromacy



Original Color

119.5310, -45.6178, 24.9673

Protanomaly

119.6230, -45.1701, 21.3786

Deuteranomaly

119.6780, -45.1973, 30.1004

Tritanomaly

124.7460, -18.1158, 23.9018

Monochromacy



Original Color

119.5310, -45.6178, 24.9673

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.7010, -16.6146, 9.0322

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.5310, -45.6178, 24.9673 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(148, 123, 27)` looks like.

```
.text, #text, p{  
    color:rgb(148, 123, 27)  
}
```

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(148, 123, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 123, 27) }
```

Border

The CSS property to change the border of an element to YUV 119.5310, -45.6178, 24.9673 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(148, 123, 27) }
```


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

```
.border{ border-color:rgb(148, 123, 27) }
```

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

Here you see how a box with a 4 pixel rgb(148, 123, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 123, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 123, 27);  
box-shadow:4px 4px 4px 4px rgb(148, 123,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 119.5310, -45.6178, 24.9673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 123, 27) }
```

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

```
.background{ background-color: rgb(148,  
123, 27) }
```

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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