

Converting Colors

YUV(118.1720, -44.4548,
25.2822)

Have a look what the booklet for
YUV(118.1720, -44.4548, 25.2822)
contains.

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Color

**YUV(118.1720, -44.4548,
25.2822)**

Conversions

Conversions Part 1

Format	Color
Hex	93791C
RGB	147, 121, 28
RGB Percent	58%, 47%, 11%
CMY	0.4235, 0.5255, 0.8902
CMYK	0.00, 0.18, 0.81, 0.42
HSL	47°, 68%, 34%
HSV	47°, 81%, 58%
XYZ	19.0796, 19.9616, 3.9460
YIQ	118.1720, 45.3490, -23.4110

Conversions

Conversions Part 2

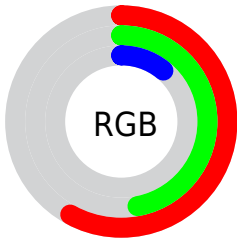
Format	Color
R_{YB}	61, 147, 28
Decimal	9664796
CIE _{Lab}	51.79, 0.55, 50.70
CIE _{LCh}	52, 50.703, 89.382
Yxy	19.9616, 0.4438, 0.4644
Android (android.graphics.Color)	4287854876 (0xFF93791C)
YUV	118.1720, -44.4548, 25.2822
Hunter-Lab	44.6784, -1.9602, 26.0384

Details

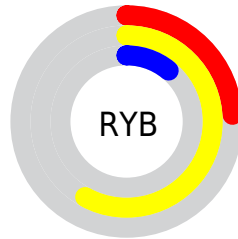
The YUV color **118.1720, -44.4548, 25.2822** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **56.8280, 44.4548, -25.2822**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.7810, -44.7550, 28.2561**, and **70.3590, -34.6870, 18.9792** is the 20% darker color. If you saturate the color by 10%, you get **114.7010, -50.1386, 28.3262**, and if you desaturate by 10%, it is **121.6430, -38.7710, 22.2381**.

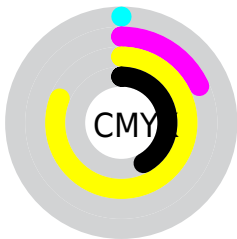
Distribution



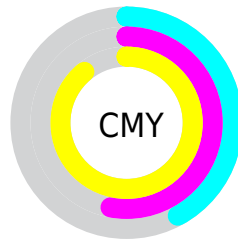
- Red (58%)
- Green (47%)
- Blue (11%)



- Red (24%)
- Yellow (58%)
- Blue (11%)



- Cyan (0%)
- Magenta (18%)
- Yellow (81%)
- Black (42%)



- Cyan (42%)
- Magenta (53%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.1720, -44.4548, 25.2822 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 118.1720, -44.4548, 25.2822 by changing the saturation by 10% instead.

■ 118.1720,
-44.4548, 25.2822

■ 118.1720,
-44.4548, 25.2822

■ 255.0000, 0.0000,
0.0000

■ 91.9330, -45.3230,
23.7378

■ 171.7810,
-44.7550, 28.2561

■ 70.3590, -34.6870,
18.9792

■ 199.4500,
-46.0708, 30.3004

■ 49.6710, -24.4878,
14.3205

■ 225.2430,
-45.4758, 26.0969

■ 29.8690, -14.7254,
9.7619

■ 244.1700,
-41.4958, 9.4979

■ 6.8110, -3.3578,
3.6738

■ 247.3620,
-29.2655, 6.6985

■ 0.0000, 0.0000,
0.0000

■ 250.5540,

-17.0351, 3.8991

253.8600, -4.3680,
0.9998

118.1720,
-44.4548, 25.2822

118.1720,
-44.4548, 25.2822

114.7010,
-50.1386, 28.3262

121.6430,
-38.7710, 22.2381

111.4580,
-54.9488, 31.1703

125.0000,
-33.5240, 19.2940

129.0580,
-28.1296, 15.7351

132.5290,
-22.4458, 12.6911

136.0000,
-16.7620, 9.6470

■ 139.3570,
-11.5150, 6.7029

■ 142.8280, -5.8312,
3.6588

■ 146.8860, -0.4368,
0.1000

■ 150.2430, 4.8102,
-2.8441

Harmonies

Analogous

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



120.3400, -35.6636, 52.3218



118.1720, -44.4548, 25.2822



113.8410, -35.9106, -8.6306

Triad

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



118.1720, -44.4548, 25.2822



103.3380, 30.3994, -90.6274



126.6550, 20.3831, 42.3986

Complementary

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



118.1720, -44.4548, 25.2822



56.8280, 44.4548, -25.2822

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.



124.9080, 36.5274, -2.5503



118.1720, -44.4548, 25.2822



104.1650, 46.2607, -91.3527

Square

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



118.1720, -44.4548, 25.2822



98.3220, 11.1803, -86.2284



99.6630, 54.3961, -87.4045



122.8850, 1.5357, 67.6299

Rectangle

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



118.1720, -44.4548, 25.2822



108.9220, -22.1465, -36.7656



99.6630, 54.3961, -87.4045



127.3590, 25.9520, 29.5032

Sweetspot

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



118.1720, -44.4548, 25.2822



179.8860, -17.1988, 9.7470



66.7730, -5.3111, 70.3591



90.2860, -10.4940, 5.8882



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.



118.1720, -44.4548, 25.2822



146.4300, -69.2320, 39.0879



123.8660, -47.2619, -7.7755



72.0280, -2.4788, 1.7294



104.6580, -51.5964, 29.2409



7.6860, -3.7892, 2.0294

Inverse Universe

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



56.8280, 44.4548, -25.2822



50.5700, 69.2320, -39.0879



51.1340, 47.2619, 7.7755



68.3850, 2.7682, -1.2146



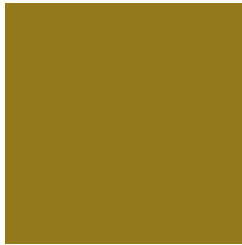
33.3420, 51.5964, -29.2409



2.3140, 3.7892, -2.0294

Previews

White Background



This preview shows how the YUV color 118.1720, -44.4548, 25.2822 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 118.1720, -44.4548, 25.2822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

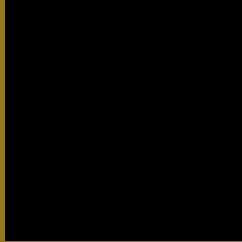
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.1720, -44.4548, 25.2822

Background



This preview shows how black text looks on a background with the YUV color 118.1720, -44.4548, 25.2822.



This preview shows how white text looks on a background with the YUV color 118.1720, -44.4548, 25.2822.

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

118.1720, -44.4548, 25.2822

Protanopia

117.6550, -43.7069, 18.7196

Deuteranopia

118.7430, -43.7503, 32.6744



Tritanopia

125.8720, -2.4019, 23.7913

Trichromacy



Original Color

118.1720, -44.4548, 25.2822

Protanomaly

117.9650, -43.8597, 21.0787

Deuteranomaly

118.3190, -44.0343, 30.4152

Tritanomaly

123.1590, -17.8264, 24.4166

Monochromacy



Original Color

118.1720, -44.4548, 25.2822

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1140, -16.3252, 9.5470

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.1720, -44.4548, 25.2822 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(147, 121, 28)` looks like.

```
.text, #text, p{  
    color:rgb(147, 121, 28)  
}
```

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(147, 121, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 121, 28) }
```

Border

The CSS property to change the border of an element to YUV 118.1720, -44.4548, 25.2822 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(147, 121, 28) }
```


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

```
.border{ border-color:rgb(147, 121, 28) }
```

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

Here you see how a box with a 4 pixel rgb(147, 121, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 121, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 121, 28);  
box-shadow:4px 4px 4px 4px rgb(147, 121,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 118.1720, -44.4548, 25.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 121, 28) }
```

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

```
.background{ background-color: rgb(147,  
121, 28) }
```

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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