

Converting Colors

YUV(112.0310, -43.8923,
31.5448)

Have a look what the booklet for
YUV(112.0310, -43.8923, 31.5448)
contains.

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Color

**YUV(112.0310, -43.8923,
31.5448)**

Conversions

Conversions Part 1

Format	Color
Hex	946F17
RGB	148, 111, 23
RGB Percent	58%, 44%, 9%
CMY	0.4196, 0.5647, 0.9098
CMYK	0.00, 0.25, 0.84, 0.42
HSL	42°, 73%, 34%
HSV	42°, 84%, 58%
XYZ	18.0518, 17.7266, 3.2808
YIQ	112.0310, 50.3000, -19.5240

Conversions

Conversions Part 2

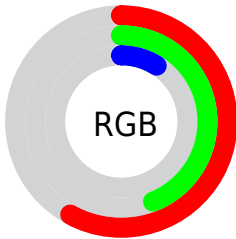
Format	Color
R_{YB}	76, 148, 23
Decimal	9727767
CIE _{Lab}	49.16, 6.53, 50.11
CIE _{LCh}	49, 50.539, 82.573
Yxy	17.7266, 0.4622, 0.4538
Android (android.graphics.Color)	4287917847 (0xFF946F17)
YUV	112.0310, -43.8923, 31.5448
Hunter-Lab	42.1030, 2.8523, 24.8521

Details

The YUV color **112.0310, -43.8923, 31.5448** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **58.9690, 43.8923, -31.5448**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.3520, -44.0505, 35.6483**, and **65.3750, -32.2299, 24.2271** is the 20% darker color. If you saturate the color by 10%, you get **107.9730, -49.2867, 35.1037**, and if you desaturate by 10%, it is **116.0890, -38.4979, 27.9859**.

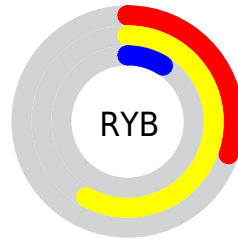
Distribution



 Red (58%)

 Green (44%)

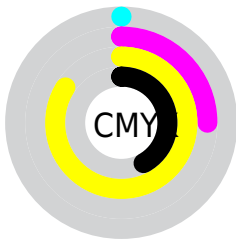
 Blue (9%)



 Red (30%)

 Yellow (58%)

 Blue (9%)

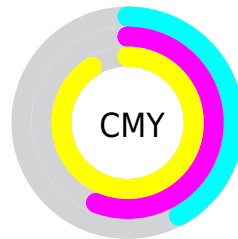


 Cyan (0%)


 Magenta (25%)

 Yellow (84%)

 Black (42%)



 Cyan (42%)

 Magenta (56%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.0310, -43.8923, 31.5448 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 112.0310, -43.8923, 31.5448 by changing the saturation by 10% instead.

■ 112.0310,
-43.8923, 31.5448

■ 112.0310,
-43.8923, 31.5448

255.0000, 0.0000,
0.0000

■ 86.9490, -42.8659,
28.9857

■ 165.3520,
-44.0505, 35.6483

■ 65.3750, -32.2299,
24.2271

■ 192.7220,
-45.2189, 37.0778

■ 44.3880, -21.8833,
18.9537

■ 218.2160,
-44.4765, 32.2596

■ 25.1730, -12.4103,
13.8803

■ 237.6160,
-41.2227, 15.2458

■ 2.3920, -1.1793,
4.9182

■ 246.6780,
-31.8863, 7.2984

■ 0.0000, 0.0000,
0.0000

■ 249.8700,

-19.6559, 4.4990

253.1760, -6.9888,
1.5996

112.0310,
-43.8923, 31.5448

112.0310,
-43.8923, 31.5448

107.9730,
-49.2867, 35.1037

116.0890,
-38.4979, 27.9859

105.3000,
-51.9129, 37.4479

120.7340,
-33.3929, 23.9123

124.6780,
-28.4353, 20.4534

129.3230,
-23.3302, 16.3797

133.3810,
-17.9358, 12.8209

■ 137.4390,
-12.5414, 9.2620

■ 142.0840, -7.4364,
5.1883

■ 146.0280, -2.4788,
1.7294

■ 150.0860, 2.9156,
-1.8294

Harmonies

Analogous

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



113.9860, -32.0381, 56.1403



112.0310, -43.8923, 31.5448



108.3860, -39.1373, -0.3385

Triad

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



112.0310, -43.8923, 31.5448



97.2910, 24.9995, -85.3242



119.9250, 24.1940, 33.3918

Complementary

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



112.0310, -43.8923, 31.5448



58.9690, 43.8923, -31.5448

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.



116.2160, 39.3335, -15.9754



112.0310, -43.8923, 31.5448



99.6340, 41.5924, -87.3790

Square

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



112.0310, -43.8923, 31.5448



92.2750, 5.7804, -80.9252



96.4030, 52.0593, -84.5454



116.4160, 6.2039, 63.6562

Rectangle

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



112.0310, -43.8923, 31.5448



104.0220, -27.1258, -26.3293



96.4030, 52.0593, -84.5454



120.5040, 29.3315, 18.8520

Sweetspot

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



112.0310, -43.8923, 31.5448



177.3100, -16.9148, 12.0061



64.7070, -1.8276, 73.0480



88.4110, -10.0626, 7.5326



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.



112.0310, -43.8923, 31.5448



136.3540, -67.2225, 47.9245



126.2750, -50.9146, -2.8722



72.0280, -2.4788, 1.7294



98.2010, -48.4131, 34.9037



7.0990, -3.4998, 2.5442

Inverse Universe

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



58.9690, 43.8923, -31.5448



55.2330, 66.9331, -48.4393



44.7250, 50.9146, 2.8722



68.9720, 2.4788, -1.7294



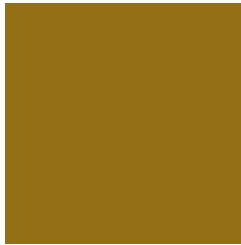
39.7990, 48.4131, -34.9037



2.9010, 3.4998, -2.5442

Previews

White Background



This preview shows how the YUV color 112.0310, -43.8923, 31.5448 looks on a white 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

Black Background



This preview shows how the YUV color 112.0310, -43.8923, 31.5448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

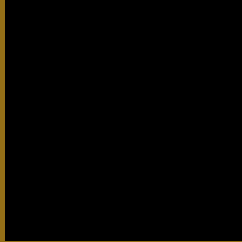
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.0310, -43.8923, 31.5448

Background



This preview shows how black text looks on a background with the YUV color 112.0310, -43.8923, 31.5448.



This preview shows how white text looks on a background with the YUV color 112.0310, -43.8923,

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

112.0310, -43.8923, 31.5448

Protanopia

110.9970, -42.3965, 18.4196

Deuteranopia

112.0310, -43.8923, 31.5448



Tritanopia

118.8620, -3.8760, 29.9390

Trichromacy



Original Color

112.0310, -43.8923, 31.5448

Protanomaly

111.5030, -43.1390, 23.2379

Deuteranomaly

112.0310, -43.8923, 31.5448

Tritanomaly

116.3770, -18.4269, 30.3644

Monochromacy



Original Color

112.0310, -43.8923, 31.5448

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.2390, -15.8938, 11.1914

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.0310, -43.8923, 31.5448 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, 111, 23)` looks like.

```
.text, #text, p{  
    color:rgb(148, 111, 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(148, 111, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 111, 23) }
```

Border

The CSS property to change the border of an element to YUV 112.0310, -43.8923, 31.5448 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, 111, 23) }
```


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

```
.border{ border-color:rgb(148, 111, 23) }
```

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

Here you see how a box with a 4 pixel rgb(148, 111, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 111, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 111, 23);  
box-shadow:4px 4px 4px 4px rgb(148, 111,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 112.0310, -43.8923, 31.5448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 111, 23) }
```

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

```
.background{ background-color: rgb(148,  
111, 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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