

Converting Colors

YUV(116.0920, -49.8384,
25.3523)

Have a look what the booklet for
YUV(116.0920, -49.8384, 25.3523)
contains.

YUV(116.0920, -49.8384, 25.3523)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(116.0920, -49.8384,
25.3523)**

Conversions

Conversions Part 1

Format	Color
Hex	91790F
RGB	145, 121, 15
RGB Percent	57%, 47%, 6%
CMY	0.4314, 0.5255, 0.9412
CMYK	0.00, 0.17, 0.90, 0.43
HSL	49°, 81%, 31%
HSV	49°, 90%, 57%
XYZ	18.6007, 19.7290, 3.2797
YIQ	116.0920, 48.3300, -27.8780

Conversions

Conversions Part 2

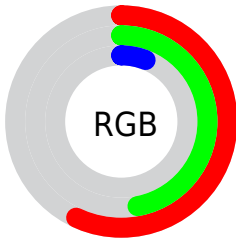
Format	Color
R_{YB}	44, 145, 15
Decimal	9533711
CIE Lab	51.53, -0.78, 54.20
CIE LCh	52, 54.208, 90.829
Yxy	19.7290, 0.4470, 0.4741
Android (android.graphics.Color)	4287723791 (0xFF91790F)
YUV	116.0920, -49.8384, 25.3523
Hunter-Lab	44.4173, -2.9798, 26.7143

Details

The YUV color **116.0920, -49.8384, 25.3523** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **43.9080, 49.8384, -25.3523**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1570, -48.3914, 27.9263**, and **70.0600, -34.5396, 18.3644** is the 20% darker color. If you saturate the color by 10%, you get **112.6210, -55.5222, 28.3964**, and if you desaturate by 10%, it is **119.4490, -44.5914, 22.4082**.

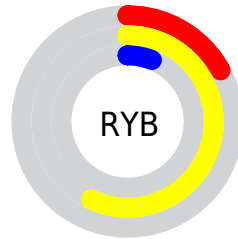
Distribution



Red (57%)

Green (47%)

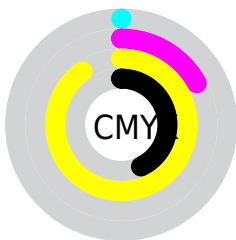
Blue (6%)



Red (17%)

Yellow (57%)

Blue (6%)

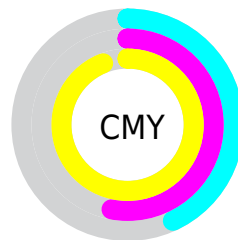


Cyan (0%)

Magenta (17%)

Yellow (90%)

Black (43%)



Cyan (43%)

Magenta (53%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.0920, -49.8384, 25.3523 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 116.0920, -49.8384, 25.3523 by changing the saturation by 10% instead.

■ 116.0920,
-49.8384, 25.3523

■ 116.0920,
-49.8384, 25.3523

255.0000, 0.0000,
0.0000

■ 91.3350, -45.0282,
22.5082

■ 170.1570,
-48.3914, 27.9263

■ 70.0600, -34.5396,
18.3644

■ 197.9400,
-49.2704, 29.8706

■ 49.0730, -24.1930,
13.0910

■ 224.3310,
-48.9702, 26.8967

■ 28.9720, -14.2832,
7.9176

■ 243.2580,
-44.9902, 10.2977

■ 5.6150, -2.7682,
1.2146

■ 246.3360,
-33.1966, 7.5983

■ 0.0000, 0.0000,
0.0000

■ 249.6420,

-20.5295, 4.6990

■ 252.8340, -8.2992,
1.8996

■ 116.0920,
-49.8384, 25.3523

■ 116.0920,
-49.8384, 25.3523

■ 112.6210,
-55.5222, 28.3964

■ 119.4490,
-44.5914, 22.4082

■ 122.3330,
-38.6182, 19.8790

■ 125.6900,
-33.3712, 16.9349

■ 129.1610,
-27.6874, 13.8908

■ 132.0450,
-21.7142, 11.3615

■ 135.4020,
-16.4672, 8.4174

■ 138.7590,
-11.2202, 5.4734

■ 141.6430, -5.2470,
2.9441

■ 145.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



119.1400, -39.0160, 54.2512



116.0920, -49.8384, 25.3523



111.9500, -37.9364, -12.2342

Triad

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



116.0920, -49.8384, 25.3523



103.7940, 32.1466, -91.0273



125.3290, 21.5298, 47.9465

Complementary

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



116.0920, -49.8384, 25.3523



43.9080, 49.8384, -25.3523

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.



124.7880, 38.5585, -0.6911



116.0920, -49.8384, 25.3523



104.7350, 48.4446, -91.8526

Square

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



116.0920, -49.8384, 25.3523



99.1370, 11.7645, -86.9431



99.7600, 57.3063, -87.4895



120.8040, 1.0826, 72.9629

Rectangle

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



116.0920, -49.8384, 25.3523



105.2910, -21.8355, -43.2282



99.7600, 57.3063, -87.4895



126.4350, 27.3935, 33.8215

Sweetspot

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



116.0920, -49.8384, 25.3523



177.3160, -19.3828, 10.2469



56.8340, -7.8062, 77.3216



87.6450, -11.6570, 5.5733



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.



116.0920, -49.8384, 25.3523



146.9090, -72.4261, 36.9138



118.5190, -51.0349, -10.9792



69.6150, -2.7682, 1.2146



104.9350, -51.7330, 26.3670



5.9140, -2.9156, 1.8294

Inverse Universe

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



43.9080, 49.8384, -25.3523



42.0910, 72.4261, -36.9138



41.4810, 51.0349, 10.9792



65.9720, 2.4788, -1.7294



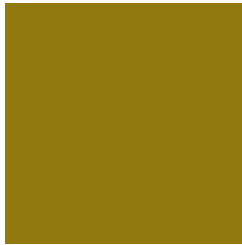
30.0650, 51.7330, -26.3670



1.4990, 3.2050, -1.3146

Previews

White Background



This preview shows how the YUV color 116.0920, -49.8384, 25.3523 looks on a white background.

Color Contrast Check

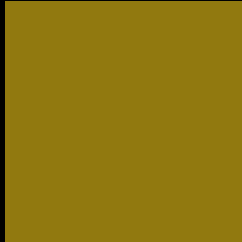
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.0920, -49.8384, 25.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

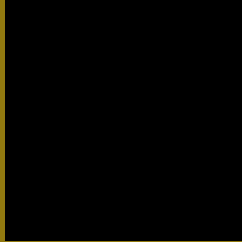
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.0920, -49.8384, 25.3523

Background



This preview shows how black text looks on a background with the YUV color 116.0920, -49.8384, 25.3523.



This preview shows how white text looks on a background with the YUV color 116.0920, -49.8384, 25.3523.

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

116.0920, -49.8384, 25.3523

Protanopia

115.5860, -49.0959, 20.5341

Deuteranopia

117.1900, -48.4077, 33.1594



Tritanopia

125.2740, -2.1071, 22.5617

Trichromacy



Original Color

116.0920, -49.8384, 25.3523

Protanomaly

115.5970, -49.1013, 22.2784

Deuteranomaly

116.4670, -48.5442, 30.2854

Tritanomaly

121.9910, -19.7156, 23.6869

Monochromacy



Original Color

116.0920, -49.8384, 25.3523

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.2450, -18.3618, 9.4321

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.0920, -49.8384, 25.3523 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, 121, 15)` looks like.

```
.text, #text, p{  
    color:rgb(145, 121, 15)  
}
```

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, 121, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 121, 15) }
```

Border

The CSS property to change the border of an element to YUV 116.0920, -49.8384, 25.3523 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, 121, 15) }
```


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

```
.border{ border-color:rgb(145, 121, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 121, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 121, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 121, 15);  
box-shadow:4px 4px 4px 4px rgb(145, 121,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 116.0920, -49.8384, 25.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 121, 15) }
```

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

```
.background{ background-color: rgb(145,  
121, 15) }
```

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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