

Converting Colors

YUV(115.8100, -45.2623,
51.0326)

Have a look what the booklet for
YUV(115.8100, -45.2623, 51.0326)
contains.

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Color

**YUV(115.8100, -45.2623,
51.0326)**

Conversions

Conversions Part 1

Format	Color
Hex	AE6818
RGB	174, 104, 24
RGB Percent	68%, 41%, 9%
CMY	0.3176, 0.5922, 0.9059
CMYK	0.00, 0.40, 0.86, 0.32
HSL	32°, 76%, 39%
HSV	32°, 86%, 68%
XYZ	22.5707, 18.9652, 3.3352
YIQ	115.8100, 67.4000, -10.0400

Conversions

Conversions Part 2

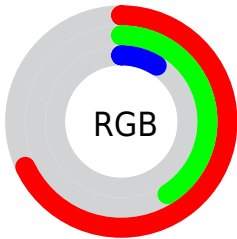
Format	Color
R _Y B	155, 174, 24
Decimal	11429912
CIE Lab	50.65, 22.36, 52.33
CIE LCh	51, 56.906, 66.866
Yxy	18.9652, 0.5030, 0.4227
Android (android.graphics.Color)	4289619992 (0xFFAE6818)
YUV	115.8100, -45.2623, 51.0326
Hunter-Lab	43.5491, 16.3025, 25.9437

Details

The YUV color **115.8100, -45.2623, 51.0326** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **82.1900, 45.2623, -51.0326**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.6150, -46.1522, 56.4656**, and **67.5560, -33.3051, 42.4854** is the 20% darker color. If you saturate the color by 10%, you get **109.1760, -50.3728, 56.8506**, and if you desaturate by 10%, it is **122.4440, -40.1519, 45.2146**.

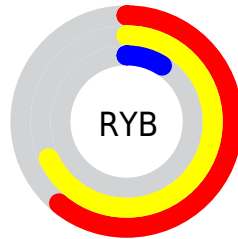
Distribution



Red (68%)

Green (41%)

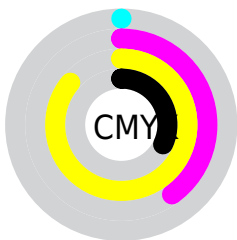
Blue (9%)



Red (61%)

Yellow (68%)

Blue (9%)

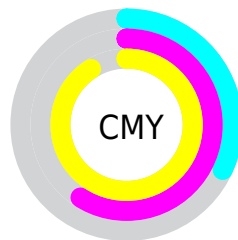


Cyan (0%)

Magenta (40%)

Yellow (86%)

Black (32%)



Cyan (32%)

Magenta (59%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.8100, -45.2623, 51.0326 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 115.8100, -45.2623, 51.0326 by changing the saturation by 10% instead.

■ 115.8100,
-45.2623, 51.0326

■ 115.8100,
-45.2623, 51.0326

255.0000, 0.0000,
0.0000

■ 90.3150, -44.5253,
47.9587

■ 169.6150,
-46.1522, 56.4656

■ 67.5560, -33.3051,
42.4854

■ 194.7070,
-45.7046, 52.8770

■ 45.9710, -22.6637,
35.9824

■ 214.1070,
-42.4508, 35.8632

■ 24.9840, -12.3171,
30.7090

■ 233.6210,
-38.7602, 18.7494

■ 11.1770, -5.0173,
22.6468

■ 246.6780,
-31.8863, 7.2984

■ 0.0000, 0.0000,
0.0000

■ 249.9840,

-19.2191, 4.3990

253.1760, -6.9888,
1.5996

115.8100,
-45.2623, 51.0326

115.8100,
-45.2623, 51.0326

109.1760,
-50.3728, 56.8506

122.4440,
-40.1519, 45.2146

106.6170,
-52.5622, 59.0949

129.1920,
-34.6047, 39.2966

135.8260,
-29.4942, 33.4786

142.5740,
-23.9470, 27.5606

149.7950,
-19.1259, 21.2278

■ 156.4290,
-14.0155, 15.4098

■ 163.1770, -8.4683,
9.4918

■ 169.8110, -3.3578,
3.6738

■ 176.5590, 2.1894,
-2.2442

Harmonies

Analogous

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



116.2300, -25.2564, 74.3433



115.8100, -45.2623, 51.0326



111.6800, -55.0582, 19.5746

Triad

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



115.8100, -45.2623, 51.0326



98.8750, 15.8376, -86.7134



123.8110, 37.0682, 10.6898

Complementary

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



115.8100, -45.2623, 51.0326



82.1900, 45.2623, -51.0326

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.



96.9390, 59.1901, -85.0155



115.8100, -45.2623, 51.0326



103.6460, 36.6565, -90.8975

Square

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



115.8100, -45.2623, 51.0326



91.8870, -5.8603, -80.5849



103.7720, 52.3704, -91.0080



121.7000, 18.8819, 57.2681

Rectangle

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



115.8100, -45.2623, 51.0326



109.3760, -44.0624, -7.3458



103.7720, 52.3704, -91.0080



121.1720, 42.8062, -9.7978

Sweetspot

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



115.8100, -45.2623, 51.0326



203.8380, -17.6681, 20.3131



76.8300, 8.4648, 85.2181



100.9170, -10.8051, 12.3508



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



115.8100, -45.2623, 51.0326



138.9000, -68.4777, 77.2637



155.4050, -64.7827, 11.9228



83.6260, -2.7736, 2.9590



91.8100, -45.2623, 51.0326



13.9210, -6.8631, 7.9623

Inverse Universe

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



82.1900, 45.2623, -51.0326



88.1000, 68.4777, -77.2637



42.5950, 64.7827, -11.9228



81.3740, 2.7736, -2.9590



58.1900, 45.2623, -51.0326



9.0790, 6.8631, -7.9623

Previews

White Background



This preview shows how the YUV color 115.8100, -45.2623, 51.0326 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 115.8100, -45.2623, 51.0326 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 115.8100, -45.2623, 51.0326

Background



This preview shows how black text looks on a background with the YUV color 115.8100, -45.2623, 51.0326.



This preview shows how white text looks on a background with the YUV color 115.8100, -45.2623,

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

115.8100, -45.2623, 51.0326

Protanopia

114.9970, -42.3965, 18.4196

Deuteranopia

115.1900, -48.4077, 33.1594



Tritanopia

122.0170, -8.8824, 49.0971

Trichromacy



Original Color

115.8100, -45.2623, 51.0326

Protanomaly

115.4330, -43.5975, 30.3153

Deuteranomaly

115.5760, -47.1190, 39.8368

Tritanomaly

120.1730, -22.2703, 49.8373

Monochromacy



Original Color

115.8100, -45.2623, 51.0326

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1690, -16.3523, 18.2688

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.8100, -45.2623, 51.0326 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(174, 104, 24)` looks like.

```
.text, #text, p{  
    color:rgb(174, 104, 24)  
}
```

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(174, 104, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 104, 24) }
```

Border

The CSS property to change the border of an element to YUV 115.8100, -45.2623, 51.0326 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(174, 104, 24) }
```


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

```
.border{ border-color:rgb(174, 104, 24) }
```

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

Here you see how a box with a 4 pixel rgb(174, 104, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 104, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 104, 24);  
box-shadow:4px 4px 4px 4px rgb(174, 104,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 115.8100, -45.2623, 51.0326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 104, 24) }
```

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

```
.background{ background-color: rgb(174,  
104, 24) }
```

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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