

Converting Colors

YUV(117.4560, -45.0878,
41.6961)

Have a look what the booklet for
YUV(117.4560, -45.0878, 41.6961)
contains.

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Color

**YUV(117.4560, -45.0878,
41.6961)**

Conversions

Conversions Part 1

Format	Color
Hex	A56F1A
RGB	165, 111, 26
RGB Percent	65%, 44%, 10%
CMY	0.3529, 0.5647, 0.8980
CMYK	0.00, 0.33, 0.84, 0.35
HSL	37°, 73%, 37%
HSV	37°, 84%, 65%
XYZ	21.3879, 19.4428, 3.6028
YIQ	117.4560, 59.4690, -14.9870

Conversions

Conversions Part 2

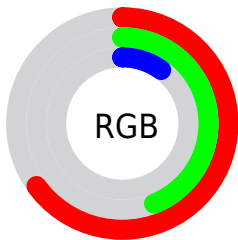
Format	Color
RYB	114, 165, 26
Decimal	10841882
CIELab	51.20, 14.46, 51.66
CIELCh	51, 53.642, 74.361
Yxy	19.4428, 0.4813, 0.4376
Android (android.graphics.Color)	4289031962 (0xFFA56F1A)
YUV	117.4560, -45.0878, 41.6961
Hunter-Lab	44.0940, 9.4176, 26.0213

Details

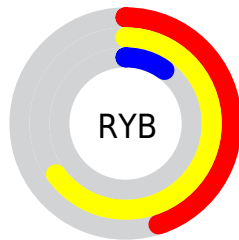
The YUV color **117.4560, -45.0878, 41.6961** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **73.5440, 45.0878, -41.6961**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.5490, -46.1197, 45.9995**, and **69.2730, -34.1516, 33.9636** is the 20% darker color. If you saturate the color by 10%, you get **111.9960, -50.7770, 46.4845**, and if you desaturate by 10%, it is **122.8020, -39.8354, 37.0076**.

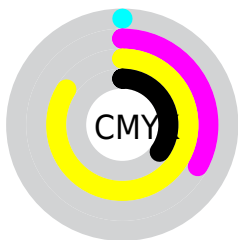
Distribution



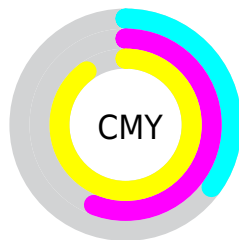
- Red (65%)
- Green (44%)
- Blue (10%)



- Red (45%)
- Yellow (65%)
- Blue (10%)



- Cyan (0%)
- Magenta (33%)
- Yellow (84%)
- Black (35%)



- Cyan (35%)
- Magenta (56%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.4560, -45.0878, 41.6961 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 117.4560, -45.0878, 41.6961 by changing the saturation by 10% instead.

■ 117.4560,
-45.0878, 41.6961

■ 117.4560,
-45.0878, 41.6961

255.0000, 0.0000,
0.0000

■ 91.7330, -45.2244,
38.8222

■ 171.5490,
-46.1197, 45.9995

■ 69.2730, -34.1516,
33.9636

■ 199.6310,
-47.1461, 48.5586

■ 47.9870, -23.6576,
28.0754

■ 218.4440,
-43.6029, 32.0596

■ 28.4730, -14.0372,
22.3872

■ 238.5450,
-40.2017, 14.4310

■ 9.2690, -4.5696,
19.0581

■ 247.0200,
-30.5759, 6.9985

■ 0.0000, 0.0000,
0.0000

■ 250.2120,

-18.3455, 4.1991

253.5180, -5.6784,
1.2997

117.4560,
-45.0878, 41.6961

117.4560,
-45.0878, 41.6961

111.9960,
-50.7770, 46.4845

122.8020,
-39.8354, 37.0076

108.6220,
-53.5506, 49.4435

128.8490,
-34.4356, 31.7044

134.1950,
-29.1831, 27.0160

140.2420,
-23.7833, 21.7128

145.5880,
-18.5309, 17.0243

■ 151.0480,
-12.8417, 12.2359

■ 156.9810, -7.8786,
7.0327

■ 162.4410, -2.1894,
2.2442

■ 168.3740, 2.7736,
-2.9590

Harmonies

Analogous

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



118.8500, -29.0130, 65.9066



117.4560, -45.0878, 41.6961



114.2040, -46.4426, 9.4681

Triad

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



117.4560, -45.0878, 41.6961



100.8300, 20.7898, -88.4279



125.5800, 30.7731, 23.1703

Complementary

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



117.4560, -45.0878, 41.6961



73.5440, 45.0878, -41.6961

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.



116.0220, 46.8242, -38.6073



117.4560, -45.0878, 41.6961



103.8570, 40.0035, -91.0826

Square

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



117.4560, -45.0878, 41.6961



94.2980, 0.8391, -82.6993



102.5980, 52.9492, -89.9784



122.7130, 12.4665, 61.6417

Rectangle

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



117.4560, -45.0878, 41.6961



110.6120, -35.3047, -16.3227



102.5980, 52.9492, -89.9784



124.8490, 36.0634, 6.2714

Sweetspot

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



117.4560, -45.0878, 41.6961



195.6310, -17.0731, 16.1096



73.9450, 3.9711, 79.8552



96.3080, -10.5048, 9.3769



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



117.4560, -45.0878, 41.6961



140.8830, -69.4553, 64.1236



144.9680, -58.6512, 5.2901



78.6260, -2.7736, 2.9590



95.5980, -47.1298, 43.3256



11.8390, -5.8366, 5.4032

Inverse Universe

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



73.5440, 45.0878, -41.6961



73.1170, 69.4553, -64.1236



46.0320, 58.6512, -5.2901



76.3740, 2.7736, -2.9590



49.4020, 47.1298, -43.3256



6.1610, 5.8366, -5.4032

Previews

White Background



This preview shows how the YUV color 117.4560, -45.0878, 41.6961 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 117.4560, -45.0878, 41.6961 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 117.4560, -45.0878, 41.6961 Background



This preview shows how black text looks on a background with the YUV color 117.4560, -45.0878, 41.6961.



This preview shows how white text looks on a background with the YUV color 117.4560, -45.0878,

41.6961.

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

117.4560, -45.0878, 41.6961

Protanopia

116.7690, -43.2701, 18.6196

Deuteranopia

116.7600, -46.2237, 32.6595



Tritanopia

123.9450, -6.3819, 40.3902

Trichromacy



Original Color

117.4560, -45.0878, 41.6961

Protanomaly

117.2970, -44.0234, 26.9265

Deuteranomaly

116.8960, -45.7977, 36.0482

Tritanomaly

121.5740, -20.4960, 40.7156

Monochromacy



Original Color

117.4560, -45.0878, 41.6961

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.1470, -16.3415, 14.7801

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.4560, -45.0878, 41.6961 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(165, 111, 26)` looks like.

```
.text, #text, p{  
    color:rgb(165, 111, 26)  
}
```

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(165, 111, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 111, 26) }
```

Border

The CSS property to change the border of an element to YUV 117.4560, -45.0878, 41.6961 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(165, 111, 26) }
```


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

```
.border{ border-color:rgb(165, 111, 26) }
```

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

Here you see how a box with a 4 pixel rgb(165, 111, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 111, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 111, 26);  
box-shadow:4px 4px 4px 4px rgb(165, 111,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 117.4560, -45.0878, 41.6961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 111, 26) }
```

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

```
.background{ background-color: rgb(165,  
111, 26) }
```

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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