

Converting Colors

YUV(98.4680, -36.7127,
15.3756)

Have a look what the booklet for
YUV(98.4680, -36.7127, 15.3756)
contains.

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Color

**YUV(98.4680, -36.7127,
15.3756)**

Conversions

Conversions Part 1

Format	Color
Hex	746818
RGB	116, 104, 24
RGB Percent	45%, 41%, 9%
CMY	0.5451, 0.5922, 0.9059
CMYK	0.00, 0.10, 0.79, 0.55
HSL	52°, 66%, 27%
HSV	52°, 79%, 45%
XYZ	12.3176, 13.6796, 2.8554
YIQ	98.4680, 32.8320, -22.3360

Conversions

Conversions Part 2

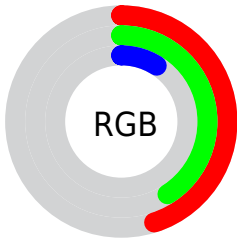
Format	Color
R_{YB}	38, 116, 24
Decimal	7628824
CIE _{Lab}	43.77, -4.60, 43.63
CIE _{LCh}	44, 43.874, 96.021
Yxy	13.6796, 0.4269, 0.4741
Android (android.graphics.Color)	4285818904 (0xFF746818)
YUV	98.4680, -36.7127, 15.3756
Hunter-Lab	36.9859, -5.2784, 21.3129

Details

The YUV color **98.4680, -36.7127, 15.3756** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **41.5320, 36.7127, -15.3756**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.5500, -37.7392, 17.9346**, and **52.8940, -26.0767, 10.6170** is the 20% darker color. If you saturate the color by 10%, you get **95.9260, -41.3755, 17.6049**, and if you desaturate by 10%, it is **101.0100, -32.0499, 13.1462**.

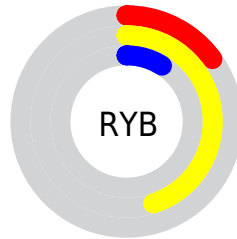
Distribution



Red (45%)

Green (41%)

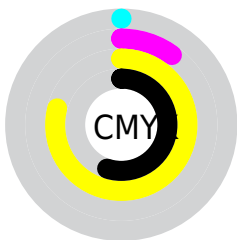
Blue (9%)



Red (15%)

Yellow (45%)

Blue (9%)

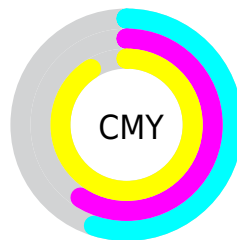


Cyan (0%)

Magenta (10%)

Yellow (79%)

Black (55%)



Cyan (55%)

Magenta (59%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.4680, -36.7127, 15.3756 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 98.4680, -36.7127, 15.3756 by changing the saturation by 10% instead.

98.4680, -36.7127,
15.3756

98.4680, -36.7127,
15.3756

255.0000, 0.0000,
0.0000

73.8700, -36.4179,
14.1460

150.5500,
-37.7392, 17.9346

52.8940, -26.0767,
10.6170

177.7350,
-38.3234, 18.6494

32.7930, -16.1669,
5.4435

205.2190,
-39.0550, 19.9789

12.0830, -5.9569,
-2.7038

232.6920,
-39.7812, 19.5641

0.0000, 0.0000,
0.0000

246.4500,
-32.7599, 7.4983

249.5280,

-20.9663, 4.7989

252.8340, -8.2992,
1.8996

98.4680, -36.7127,
15.3756

98.4680, -36.7127,
15.3756

95.9260, -41.3755,
17.6049

101.0100,
-32.0499, 13.1462

94.0850, -45.8909,
19.2195

102.8510,
-27.5345, 11.5317

93.9710, -46.3277,
19.3194

105.3930,
-22.8717, 9.3023

107.2340,
-18.3564, 7.6878

109.7760,
-13.6936, 5.4584

■ 111.7310, -8.7414,
3.7439

■ 114.1590, -4.5154,
1.6146

■ 116.1140, 0.4368,
-0.1000

■ 118.5420, 4.6628,
-2.2293

Harmonies

Analogous

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



101.0610, -32.5681, 39.4115



98.4680, -36.7127, 15.3756



94.3270, -26.2902, -14.3188

Triad

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



98.4680, -36.7127, 15.3756



86.9700, 28.6088, -76.2727



105.6350, 13.9839, 41.5391

Complementary

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



98.4680, -36.7127, 15.3756



41.5320, 36.7127, -15.3756

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.



106.3840, 27.9117, 7.5562



98.4680, -36.7127, 15.3756



86.8850, 40.9757, -76.1981

Square

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



98.4680, -36.7127, 15.3756



83.5670, 13.0315, -73.2883



93.3600, 40.7415, -47.6737



102.7930, -2.3629, 58.0635

Rectangle

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



98.4680, -36.7127, 15.3756



89.0770, -13.8420, -40.4095



93.3600, 40.7415, -47.6737



106.2470, 19.1052, 32.2324

Sweetspot

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



98.4680, -36.7127, 15.3756



143.5480, -14.5672, 5.6584



52.8760, -8.3199, 55.3597



72.6170, -9.1782, 3.8439



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



98.4680, -36.7127, 15.3756



123.2460, -56.8163, 23.4633



95.3460, -35.1736, -11.7044



57.7290, -2.3314, 1.1147



98.7000, -48.6591, 20.4341



202.1290, -99.6496, 41.9829

Inverse Universe

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



41.5320, 36.7127, -15.3756



34.7540, 56.8163, -23.4633



44.6540, 35.1736, 11.7044



54.2710, 2.3314, -1.1147



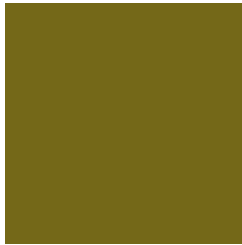
23.3000, 48.6591, -20.4341



47.8710, 99.6496, -41.9829

Previews

White Background



This preview shows how the YUV color 98.4680, -36.7127, 15.3756 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 98.4680, -36.7127, 15.3756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

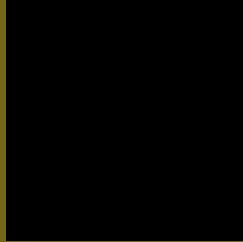
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.4680, -36.7127, 15.3756

Background



This preview shows how black text looks on a background with the YUV color 98.4680, -36.7127, 15.3756.



This preview shows how white text looks on a background with the YUV color 98.4680, -36.7127,

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

98.4680, -36.7127, 15.3756

Protanopia

98.4680, -36.7127, 15.3756

Deuteranopia

99.4740, -35.7297, 26.7713



Tritanopia

105.2730, -0.6276, 14.6696

Trichromacy



Original Color

98.4680, -36.7127, 15.3756

Protanomaly

98.4680, -36.7127, 15.3756

Deuteranomaly

99.0390, -36.0082, 22.7678

Tritanomaly

103.1300, -13.8681, 14.7950

Monochromacy



Original Color

98.4680, -36.7127, 15.3756

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1890, -13.4042, 5.9732

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.4680, -36.7127, 15.3756 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(116, 104, 24)` looks like.

```
.text, #text, p{  
    color:rgb(116, 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(116, 104, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 104, 24) }
```

Border

The CSS property to change the border of an element to YUV 98.4680, -36.7127, 15.3756 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(116, 104, 24) }
```


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

```
.border{ border-color:rgb(116, 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(116, 104, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 104, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 104, 24);  
box-shadow:4px 4px 4px 4px rgb(116, 104,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 98.4680, -36.7127, 15.3756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 104, 24) }
```

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

```
.background{ background-color: rgb(116,  
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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