

Converting Colors

YUV(88.7300, 6.0491, -26.9502)

Have a look what the booklet for
YUV(88.7300, 6.0491, -26.9502)
contains.

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Color

**YUV(88.7300, 6.0491,
-26.9502)**

Conversions

Conversions Part 1

Format	Color
Hex	3A6665
RGB	58, 102, 101
RGB Percent	23%, 40%, 40%
CMY	0.7725, 0.6000, 0.6039
CMYK	0.43, 0.00, 0.01, 0.60
HSL	179°, 28%, 31%
HSV	179°, 43%, 40%
XYZ	8.8453, 11.3419, 14.0349
YIQ	88.7300, -25.9030, -9.6390

Conversions

Conversions Part 2

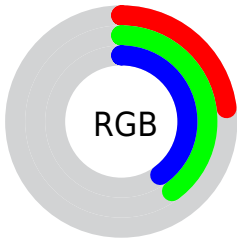
Format	Color
RYB	58, 80, 102
Decimal	3827301
CIELab	40.15, -15.44, -4.22
CIElCh	40, 16.010, 195.276
Yxy	11.3419, 0.2585, 0.3314
Android (android.graphics.Color)	4282017381 (0xFF3A6665)
YUV	88.7300, 6.0491, -26.9502
Hunter-Lab	33.6777, -12.0539, -1.1343




Details

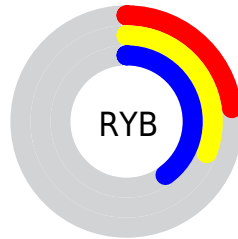
The YUV color **88.7300, 6.0491, -26.9502** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **71.2700, -6.0491, 26.9502**, and the grayscale version is **89.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **139.4310, 6.1965, -27.5650**, and **39.9360, 6.9336, -30.6389** is the 20% darker color. If you saturate the color by 10%, you get **85.7400, 7.5232, -33.0980**, and if you desaturate by 10%, it is **91.7200, 4.5750, -20.8024**.

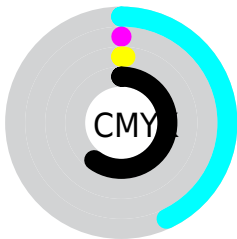
Distribution







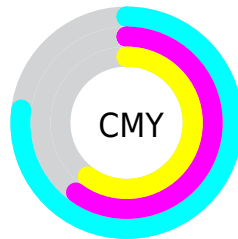
-  Red (23%)
-  Green (40%)
-  Blue (40%)






-  Red (23%)
-  Yellow (31%)
-  Blue (40%)



-  Cyan (43%)
-  Magenta (0%)
-  Yellow (1%)
-  Black (60%)



-  Cyan (77%)
-  Magenta (60%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.7300, 6.0491, -26.9502 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 88.7300, 6.0491, -26.9502 by changing the saturation by 10% instead.

88.7300, 6.0491,
-26.9502

88.7300, 6.0491,
-26.9502

255.0000, 0.0000,
0.0000

64.4310, 6.1965,
-27.5650

139.4310, 6.1965,
-27.5650

39.9360, 6.9336,
-30.6389

166.1320, 6.3439,
-28.1798

23.1330, 4.8644,
-20.2876

193.7190, 6.0545,
-28.6946

1.8410, 4.5154,
-1.6146

221.4200, 6.2019,
-29.3093

0.0000, 0.0000,
0.0000

243.6380, 5.6015,
-23.3615

252.0100, 1.4741,

-6.1478

■ 88.7300, 6.0491,
-26.9502

■ 88.7300, 6.0491,
-26.9502

■ 85.7400, 7.5232,
-33.0980

■ 91.7200, 4.5750,
-20.8024

■ 82.7500, 8.9973,
-39.2457

■ 94.7100, 3.1010,
-14.6547

■ 79.3470, 10.1819,
-45.9083

■ 98.1130, 1.9163,
-7.9921

■ 76.3570, 11.6560,
-52.0561

■ 101.1030, 0.4422,
-1.8443

■ 73.3670, 13.1301,
-58.2039

■ 104.0930, -1.0318,
4.3034

■ 71.2740, 14.1619,
-62.5073

■ 107.0830, -2.5059,
10.4512

■ 110.1870, -3.5432,
16.4990

■ 113.4760, -5.1647,
23.2615

■ 116.4660, -6.6387,
29.4093

Harmonies

Analogous

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



90.2380, -1.1033, -19.5027



88.7300, 6.0491, -26.9502



89.5110, 11.5801, -27.6351

Triad

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



88.7300, 6.0491, -26.9502



96.5200, 8.1246, 7.4370



94.8740, -12.2629, 13.2655

Complementary

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



88.7300, 6.0491, -26.9502



71.2700, -6.0491, 26.9502

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.



96.0150, -9.3744, 20.1578



88.7300, 6.0491, -26.9502



97.0930, 2.4192, 17.4584

Square

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



88.7300, 6.0491, -26.9502



95.1700, 12.2412, -6.2881



96.1060, -3.9963, 21.8320



93.2210, -11.9410, 3.3142

Rectangle

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



88.7300, 6.0491, -26.9502



91.0000, 13.3110, -22.8020



96.1060, -3.9963, 21.8320



95.0100, -11.8369, 16.6542

Sweetspot

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



88.7300, 6.0491, -26.9502



127.5040, 2.2165, -10.9660



84.1270, -12.8806, -22.0364



63.0100, 1.4741, -6.1478



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



88.7300, 6.0491, -26.9502



112.1410, 9.2975, -42.2197



76.5170, 12.5631, -16.2394



49.5050, 0.7370, -3.0739



80.2730, 15.6414, -70.3994



169.0720, 33.4885, -148.2761

Inverse Universe

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



71.2700, -6.0491, 26.9502



84.7450, -9.7343, 42.3196



83.4830, -12.5631, 16.2394



47.4950, -0.7370, 3.0739



34.7270, -15.6414, 70.3994



73.0420, -33.0517, 148.1762

Previews

White Background



This preview shows how the YUV color 88.7300, 6.0491, -26.9502 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 88.7300, 6.0491, -26.9502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

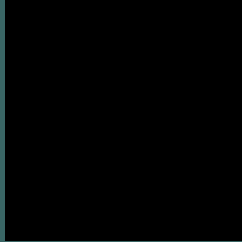
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.7300, 6.0491, -26.9502

Background



This preview shows how black text looks on a background with the YUV color 88.7300, 6.0491, -26.9502.



This preview shows how white text looks on a background with the YUV color 88.7300, 6.0491, -26.9502.

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

88.7300, 6.0491, -26.9502

Protanopia

94.5270, 0.7262, 0.4148

Deuteranopia

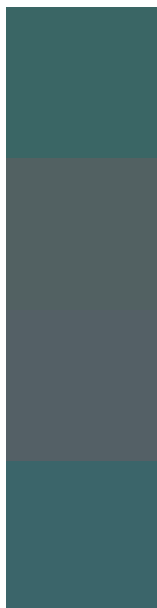
95.3470, 3.7729, 3.2037



Tritanopia

89.6530, 9.5381, -26.0057

Trichromacy



Original Color

88.7300, 6.0491, -26.9502

Protanomaly

92.6290, 2.6479, -9.3216

Deuteranomaly

93.0960, 4.3897, -7.9772

Tritanomaly

89.0120, 8.3751, -26.3205

Monochromacy



Original Color

88.7300, 6.0491, -26.9502

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.1020, 1.9217, -9.7365

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.7300, 6.0491, -26.9502 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(58, 102, 101)` looks like.

```
.text, #text, p{  
    color:rgb(58, 102, 101)  
}
```

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(58, 102, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 102, 101) }
```

Border

The CSS property to change the border of an element to YUV 88.7300, 6.0491, -26.9502 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(58, 102, 101) }
```


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

```
.border{ border-color:rgb(58, 102, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 102, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 102, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 102, 101);  
box-shadow:4px 4px 4px 4px rgb(58, 102,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 88.7300, 6.0491, -26.9502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 102, 101) }
```

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

```
.background{ background-color: rgb(58, 102,  
101) }
```

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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