

Converting Colors

YUV(89.7300, 6.0491, -26.9502)

Have a look what the booklet for
YUV(89.7300, 6.0491, -26.9502)
contains.

YUV(89.7300, 6.0491, -26.9502)	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(89.7300, 6.0491,
-26.9502)**

Conversions

Conversions Part 1

Format	Color
Hex	3B6766
RGB	59, 103, 102
RGB Percent	23%, 40%, 40%
CMY	0.7686, 0.5961, 0.6000
CMYK	0.43, 0.00, 0.01, 0.60
HSL	179°, 27%, 32%
HSV	179°, 43%, 40%
XYZ	9.0522, 11.5896, 14.3303
YIQ	89.7300, -25.9030, -9.6390

Conversions

Conversions Part 2

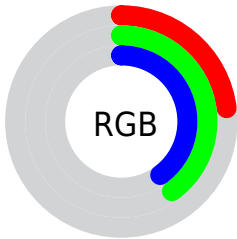
Format	Color
RYB	59, 81, 103
Decimal	3893094
CIELab	40.56, -15.44, -4.22
CIElCh	41, 16.008, 195.293
Yxy	11.5896, 0.2588, 0.3314
Android (android.graphics.Color)	4282083174 (0xFF3B6766)
YUV	89.7300, 6.0491, -26.9502
Hunter-Lab	34.0435, -12.1131, -1.1271




Details

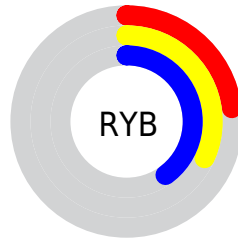
The YUV color **89.7300, 6.0491, -26.9502** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.2700, -6.0491, 26.9502**, and the grayscale version is **90.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **140.4310, 6.1965, -27.5650**, and **41.2350, 6.7861, -30.0241** is the 20% darker color. If you saturate the color by 10%, you get **86.7400, 7.5232, -33.0980**, and if you desaturate by 10%, it is **92.7200, 4.5750, -20.8024**.

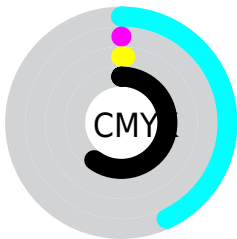
Distribution







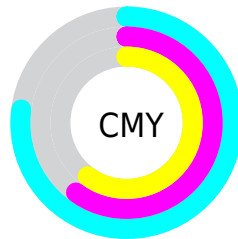
-  Red (23%)
-  Green (40%)
-  Blue (40%)






-  Red (23%)
-  Yellow (32%)
-  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 89.7300, 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 89.7300, 6.0491, -26.9502 by changing the saturation by 10% instead.

89.7300, 6.0491,
-26.9502

89.7300, 6.0491,
-26.9502

255.0000, 0.0000,
0.0000

65.4310, 6.1965,
-27.5650

140.4310, 6.1965,
-27.5650

41.2350, 6.7861,
-30.0241

167.1320, 6.3439,
-28.1798

23.8340, 5.0118,
-20.9024

194.7190, 6.0545,
-28.6946

3.7160, 4.0840,
-3.2589

222.7190, 6.0545,
-28.6946

0.0000, 0.0000,
0.0000

243.9370, 5.4541,
-22.7467

252.6080, 1.1793,

-4.9182

■ 89.7300, 6.0491,
-26.9502

■ 89.7300, 6.0491,
-26.9502

■ 86.7400, 7.5232,
-33.0980

■ 92.7200, 4.5750,
-20.8024

■ 83.4510, 9.1447,
-39.8605

■ 96.0090, 2.9536,
-14.0399

■ 80.3470, 10.1819,
-45.9083

■ 99.1130, 1.9163,
-7.9921

■ 77.3570, 11.6560,
-52.0561

■ 102.1030, 0.4422,
-1.8443

■ 74.3670, 13.1301,
-58.2039

■ 105.3920, -1.1793,
4.9182

■ 71.9750, 14.3093,
-63.1221

■ 108.3820, -2.6533,
11.0660

■ 111.4860, -3.6906,
17.1138

■ 114.4760, -5.1647,
23.2615

■ 117.7650, -6.7861,
30.0241

Harmonies

Analogous

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



91.2380, -1.1033, -19.5027



89.7300, 6.0491, -26.9502



90.5110, 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.



89.7300, 6.0491, -26.9502



97.5200, 8.1246, 7.4370



95.8740, -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.



89.7300, 6.0491, -26.9502



72.2700, -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.



97.0150, -9.3744, 20.1578



89.7300, 6.0491, -26.9502



98.0930, 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.



89.7300, 6.0491, -26.9502



95.5830, 12.5306, -5.7733



97.1060, -3.9963, 21.8320



94.2210, -11.9410, 3.3142

Rectangle

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



89.7300, 6.0491, -26.9502



92.0000, 13.3110, -22.8020



97.1060, -3.9963, 21.8320



96.0100, -11.8369, 16.6542

Sweetspot

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



89.7300, 6.0491, -26.9502



129.9170, 2.5059, -10.4512



85.1270, -12.8806, -22.0364



65.7110, 1.6215, -6.7625



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



89.7300, 6.0491, -26.9502



114.2550, 9.7343, -42.3196



77.5170, 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.



72.2700, -6.0491, 26.9502



86.8590, -9.2975, 42.2197



84.4830, -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 89.7300, 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 89.7300, 6.0491, -26.9502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

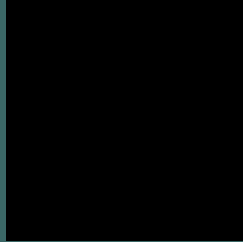
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.7300, 6.0491, -26.9502

Background



This preview shows how black text looks on a background with the YUV color 89.7300, 6.0491, -26.9502.



This preview shows how white text looks on a background with the YUV color 89.7300, 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

89.7300, 6.0491, -26.9502

Protanopia

95.5270, 0.7262, 0.4148

Deuteranopia

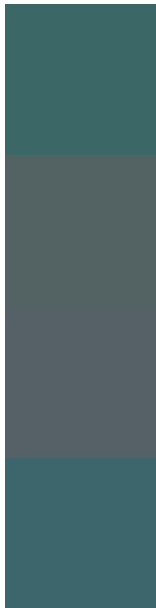
96.3470, 3.7729, 3.2037



Tritanopia

90.6530, 9.5381, -26.0057

Trichromacy



Original Color

89.7300, 6.0491, -26.9502

Protanomaly

93.6290, 2.6479, -9.3216

Deuteranomaly

94.0960, 4.3897, -7.9772

Tritanomaly

90.0120, 8.3751, -26.3205

Monochromacy



Original Color

89.7300, 6.0491, -26.9502

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.1020, 1.9217, -9.7365

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7300, 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(59, 103, 102)` looks like.

```
.text, #text, p{  
    color:rgb(59, 103, 102)  
}
```

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(59, 103, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 103, 102) }
```

Border

The CSS property to change the border of an element to YUV 89.7300, 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(59, 103, 102) }
```


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

```
.border{ border-color:rgb(59, 103, 102) }
```

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

Here you see how a box with a 4 pixel rgb(59, 103, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 103, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 103, 102);  
box-shadow:4px 4px 4px 4px rgb(59, 103,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 89.7300, 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(59, 103, 102) }
```

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

```
.background{ background-color: rgb(59, 103,  
102) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor