

Converting Colors

YUV(79.8200, 6.0047, -59.4781)

Have a look what the booklet for
YUV(79.8200, 6.0047, -59.4781)
contains.

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Color

**YUV(79.8200, 6.0047,
-59.4781)**

Conversions

Conversions Part 1

Format	Color
Hex	0C705C
RGB	12, 112, 92
RGB Percent	5%, 44%, 36%
CMY	0.9529, 0.5608, 0.6392
CMYK	0.89, 0.00, 0.18, 0.56
HSL	168°, 81%, 24%
HSV	168°, 89%, 44%
XYZ	7.8776, 12.4392, 12.1110
YIQ	79.8200, -53.1800, -27.4200

Conversions

Conversions Part 2

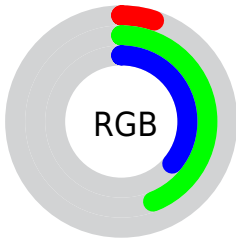
Format	Color
RYB	12, 68, 112
Decimal	815196
CIELab	41.91, -31.60, 3.65
CIELCh	42, 31.806, 173.404
Yxy	12.4392, 0.2429, 0.3836
Android (android.graphics.Color)	4279005276 (0xFF0C705C)
YUV	79.8200, 6.0047, -59.4781
Hunter-Lab	35.2693, -21.8524, 4.3290

Details

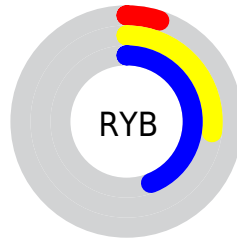
The YUV color **79.8200, 6.0047, -59.4781** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **44.1800, -6.0047, 59.4781**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.7780, 3.0674, -50.6713**, and **42.2250, 1.8611, -37.0313** is the 20% darker color. If you saturate the color by 10%, you get **76.3030, 6.7526, -66.0407**, and if you desaturate by 10%, it is **83.3370, 5.2569, -52.9155**.

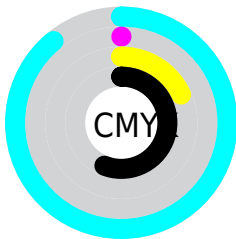
Distribution



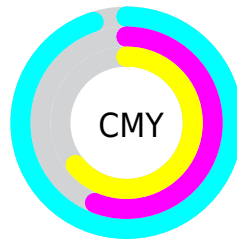
- Red (5%)
- Green (44%)
- Blue (36%)



- Red (5%)
- Yellow (27%)
- Blue (44%)



- Cyan (89%)
- Magenta (0%)
- Yellow (18%)
- Black (56%)



- Cyan (95%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.8200, 6.0047, -59.4781 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 79.8200, 6.0047, -59.4781 by changing the saturation by 10% instead.

79.8200, 6.0047,
-59.4781

79.8200, 6.0047,
-59.4781

255.0000, 0.0000,
0.0000

58.9350, 4.9620,
-51.6860

135.7780, 3.0674,
-50.6713

42.2250, 1.8611,
-37.0313

163.6640, 2.6306,
-50.5713

27.0310, -0.5083,
-23.7062

191.2510, 2.3413,
-51.0861

7.6310, -3.7621,
-6.6924

219.8380, 2.0519,
-51.6009

0.0000, 0.0000,
0.0000

235.2230, 8.2711,
-39.6606

244.2360, 5.3067,

-22.1320

252.9070, 1.0318,
-4.3034

79.8200, 6.0047,
-59.4781

79.8200, 6.0047,
-59.4781

76.3030, 6.7526,
-66.0407

83.3370, 5.2569,
-52.9155

76.0040, 6.9000,
-66.6555

86.8540, 4.5090,
-46.3530

90.7840, 4.0505,
-39.2756

94.3010, 3.3026,
-32.7130

97.8180, 2.5547,
-26.1504

■ 101.3350, 1.8068,
-19.5878

■ 104.9660, 1.4958,
-13.1252

■ 108.7820, 0.6005,
-5.9478

■ 112.2990, -0.1474,
0.6148

Harmonies

Analogous

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



90.4580, -11.5648, -24.0807



79.8200, 6.0047, -59.4781



79.3100, 19.5672, -69.5549

Triad

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



79.8200, 6.0047, -59.4781



99.4440, 23.4451, -6.5284



98.6550, -20.0429, 35.3826

Complementary

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



79.8200, 6.0047, -59.4781



44.1800, -6.0047, 59.4781

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.



99.7450, -9.7343, 42.3196



79.8200, 6.0047, -59.4781



101.8020, 13.9016, 21.2216

Square

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



79.8200, 6.0047, -59.4781



89.6350, 30.2529, -43.5299



101.2250, 2.3541, 38.3907



96.8890, -25.0883, 20.2683

Rectangle

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



79.8200, 6.0047, -59.4781



80.4330, 26.4085, -70.5397



101.2250, 2.3541, 38.3907



98.7740, -17.1436, 38.7862

Sweetspot

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



79.8200, 6.0047, -59.4781



132.5410, 2.6913, -23.2765



76.6800, -31.8872, -39.1844



66.2540, 1.3538, -14.2548



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



79.8200, 6.0047, -59.4781



98.3390, 8.7069, -86.2433



64.4900, 23.4224, -46.0337



54.0920, 0.4476, -3.5887



81.3840, 7.2057, -71.3738



167.5610, 15.0064, -146.9510

Inverse Universe

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



44.1800, -6.0047, 59.4781



46.6610, -8.7069, 86.2433



59.5100, -23.4224, 46.0337



52.0220, -0.0108, 3.4887



38.6160, -7.2057, 71.3738



79.4390, -15.0064, 146.9510

Previews

White Background



This preview shows how the YUV color 79.8200, 6.0047, -59.4781 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 79.8200, 6.0047, -59.4781 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 79.8200, 6.0047, -59.4781

Background



This preview shows how black text looks on a background with the YUV color 79.8200, 6.0047, -59.4781.



This preview shows how white text looks on a background with the YUV color 79.8200, 6.0047, -59.4781.

-59.4781.

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

79.8200, 6.0047, -59.4781

Protanopia

98.0130, -6.4154, 4.3736

Deuteranopia

99.3000, -1.6269, 8.5069



Tritanopia

87.4870, 14.5499, -46.9081

Trichromacy



Original Color

79.8200, 6.0047, -59.4781

Protanomaly

91.4230, -1.6875, -18.7880

Deuteranomaly

92.2430, 1.3592, -15.9991

Tritanomaly

84.6560, 11.5086, -51.4413

Monochromacy



Original Color

79.8200, 6.0047, -59.4781

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.0250, 1.9597, -21.9469

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.8200, 6.0047, -59.4781 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(12, 112, 92)` looks like.

```
.text, #text, p{  
    color:rgb(12, 112, 92)  
}
```

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(12, 112, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 112, 92) }
```

Border

The CSS property to change the border of an element to YUV 79.8200, 6.0047, -59.4781 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(12, 112, 92) }
```


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

```
.border{ border-color:rgb(12, 112, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 112, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 112, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 112, 92);  
box-shadow:4px 4px 4px 4px rgb(12, 112,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 79.8200, 6.0047, -59.4781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 112, 92) }
```

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

```
.background{ background-color: rgb(12, 112,  
92) }
```

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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