

Converting Colors

YUV(97.2700, 23.5309,
-80.9208)

Have a look what the booklet for
YUV(97.2700, 23.5309, -80.9208)
contains.

YUV(97.2700, 23.5309, -80.9208)	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(97.2700, 23.5309,
-80.9208)**

Conversions

Conversions Part 1

Format	Color
Hex	058791
RGB	5, 135, 145
RGB Percent	2%, 53%, 57%
CMY	0.9804, 0.4706, 0.4314
CMYK	0.97, 0.07, 0.00, 0.43
HSL	184°, 93%, 29%
HSV	184°, 97%, 57%
XYZ	13.8374, 19.4045, 29.8042
YIQ	97.2700, -80.6900, -24.4500

Conversions

Conversions Part 2

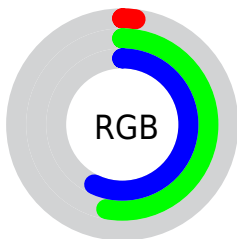
Format	Color
RYB	5, 72, 145
Decimal	362385
CIELab	51.16, -26.44, -14.07
CIELCh	51, 29.949, 208.021
Yxy	19.4045, 0.2195, 0.3078
Android (android.graphics.Color)	4278552465 (0xFF058791)
YUV	97.2700, 23.5309, -80.9208
Hunter-Lab	44.0506, -21.0172, -9.2796

Details

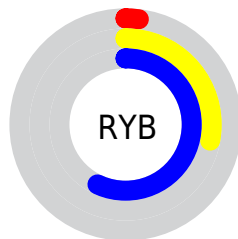
The YUV color **97.2700, 23.5309, -80.9208** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **52.7300, -23.5309, 80.9208**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.6420, 19.4035, -63.7070**, and **60.7250, 16.8976, -53.2558** is the 20% darker color. If you saturate the color by 10%, you get **95.7750, 24.2679, -83.9947**, and if you desaturate by 10%, it is **102.3420, 21.0304, -72.2139**.

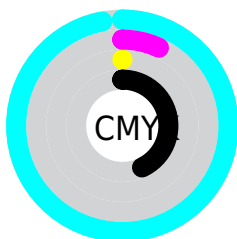
Distribution



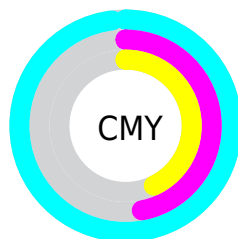
- Red (2%)
- Green (53%)
- Blue (57%)



- Red (2%)
- Yellow (28%)
- Blue (57%)



- Cyan (97%)
- Magenta (7%)
- Yellow (0%)
- Black (43%)



- Cyan (98%)
- Magenta (47%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.2700, 23.5309, -80.9208 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 97.2700, 23.5309, -80.9208 by changing the saturation by 10% instead.

■ 97.2700, 23.5309,
-80.9208

■ 97.2700, 23.5309,
-80.9208

■ 255.0000, 0.0000,
0.0000

■ 77.5490, 20.4353,
-68.0105

■ 159.6420, 19.4035,
-63.7070

■ 60.7250, 16.8976,
-53.2558

■ 188.2400, 19.1087,
-62.4775

■ 43.9010, 13.3598,
-38.5012

■ 216.5390, 18.9613,
-61.8627

■ 28.4790, 10.1169,
-24.9761

■ 231.3790, 11.6452,
-48.5674

■ 8.4750, 9.6258,
-7.4326

■ 240.0500, 7.3704,
-30.7388

■ 0.0000, 0.0000,
0.0000

■ 249.0200, 2.9481,

-12.2955

■ 97.2700, 23.5309,
-80.9208

■ 97.2700, 23.5309,
-80.9208

■ 95.7750, 24.2679,
-83.9947

■ 102.3420, 21.0304,
-72.2139

■ 107.1150, 18.6773,
-64.1219

■ 112.1870, 16.1768,
-55.4150

■ 116.9600, 13.8237,
-47.3229

■ 122.0320, 11.3232,
-38.6161

■ 126.8050, 8.9701,
-30.5240

■ 131.8770, 6.4696,
-21.8171

■ 136.6500, 4.1166,
-13.7250

■ 141.7220, 1.6161,
-5.0182

Harmonies

Analogous

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



107.1630, 5.8356, -51.8860



97.2700, 23.5309, -80.9208



106.1610, 29.0076, -64.1622

Triad

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



97.2700, 23.5309, -80.9208



125.2430, 11.7122, 23.4659



120.2800, -24.7880, 17.2944

Complementary

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



97.2700, 23.5309, -80.9208



52.7300, -23.5309, 80.9208

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.



122.0030, -21.2005, 33.3234



97.2700, 23.5309, -80.9208



124.6550, 0.1701, 38.8906

Square

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



97.2700, 23.5309, -80.9208



123.6080, 21.3923, -1.4102



123.4630, -12.0603, 41.6899



117.8860, -20.6498, -3.4080

Rectangle

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



97.2700, 23.5309, -80.9208



113.7770, 28.2109, -41.9004



123.4630, -12.0603, 41.6899



121.1390, -24.2255, 23.5571

Sweetspot

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



97.2700, 23.5309, -80.9208



170.2070, 9.2649, -31.7535



88.2060, -36.5836, -72.9717



82.9590, 5.4432, -19.2580



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



97.2700, 23.5309, -80.9208



124.2710, 31.9114, -108.9857



56.7670, 43.4989, -45.3997



68.9070, 1.0318, -4.3034



88.7650, 22.7939, -77.8469



5.0210, 1.4686, -4.4034

Inverse Universe

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



61.6800, 36.1468, 73.0716



76.4610, 48.5797, 98.6967



93.2330, -43.4989, 45.3997



66.8910, 2.0257, 3.6036



54.6150, 34.6998, 70.4976



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 97.2700, 23.5309, -80.9208 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 97.2700, 23.5309, -80.9208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

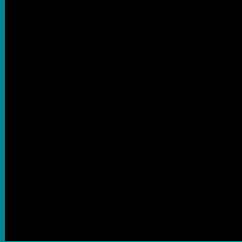
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 97.2700, 23.5309, -80.9208

Background



This preview shows how black text looks on a background with the YUV color 97.2700, 23.5309, -80.9208.



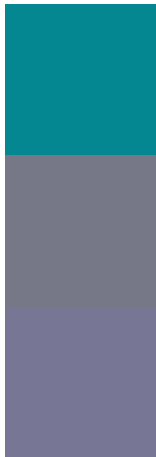
This preview shows how white text looks on a background with the YUV color 97.2700, 23.5309, -80.9208.

-80.9208.

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

97.2700, 23.5309, -80.9208

Protanopia

121.4110, 6.6994, -2.1144

Deuteranopia

122.4200, 13.1039, -2.9993



Tritanopia

98.5800, 23.3781, -78.5617

Trichromacy



Original Color

97.2700, 23.5309, -80.9208

Protanomaly

112.5430, 13.0433, -30.2942

Deuteranomaly

113.5690, 16.9745, -31.1940

Tritanomaly

98.2810, 23.5255, -79.1764

Monochromacy



Original Color

97.2700, 23.5309, -80.9208

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.2890, 8.2385, -29.1945

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.2700, 23.5309, -80.9208 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(5, 135, 145)` looks like.

```
.text, #text, p{  
    color:rgb(5, 135, 145)  
}
```

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(5, 135, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 135, 145) }
```

Border

The CSS property to change the border of an element to YUV 97.2700, 23.5309, -80.9208 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(5, 135, 145) }
```


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

```
.border{ border-color:rgb(5, 135, 145) }
```

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

Here you see how a box with a 4 pixel rgb(5, 135, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 135, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 135, 145);  
box-shadow:4px 4px 4px 4px rgb(5, 135,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 97.2700, 23.5309, -80.9208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 135, 145) }
```

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

```
.background{ background-color: rgb(5, 135,  
145) }
```

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