

Converting Colors

YUV(95.1050, 30.5142,
-80.7761)

Have a look what the booklet for
YUV(95.1050, 30.5142, -80.7761)
contains.

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Color

**YUV(95.1050, 30.5142,
-80.7761)**

Conversions

Conversions Part 1

Format	Color
Hex	03829D
RGB	3, 130, 157
RGB Percent	1%, 51%, 62%
CMY	0.9882, 0.4902, 0.3843
CMYK	0.98, 0.17, 0.00, 0.38
HSL	191°, 96%, 31%
HSV	191°, 98%, 62%
XYZ	14.1060, 18.4189, 34.7100
YIQ	95.1050, -84.3590, -18.5270

Conversions

Conversions Part 2

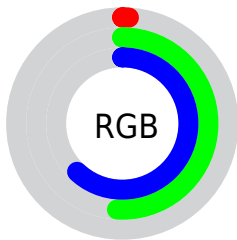
Format	Color
RYB	3, 73, 157
Decimal	230045
CIELab	50.00, -19.76, -22.83
CIELCh	50, 30.195, 229.122
Yxy	18.4189, 0.2098, 0.2739
Android (android.graphics.Color)	4278420125 (0xFF03829D)
YUV	95.1050, 30.5142, -80.7761
Hunter-Lab	42.9173, -16.4362, -17.9096

Details

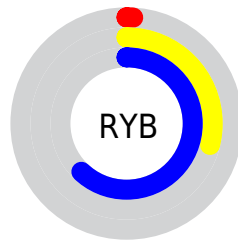
The YUV color **95.1050, 30.5142, -80.7761** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **64.8950, -30.5142, 80.7761**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9010, 26.6708, -61.3032**, and **59.0440, 23.1493, -51.7816** is the 20% darker color. If you saturate the color by 10%, you get **93.6210, 31.2458, -82.1056**, and if you desaturate by 10%, it is **101.6500, 27.2876, -72.4840**.

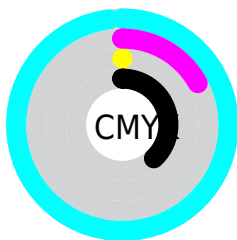
Distribution



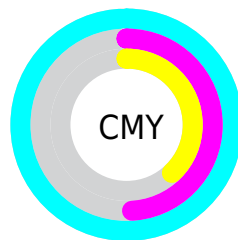
- Red (1%)
- Green (51%)
- Blue (62%)



- Red (1%)
- Yellow (29%)
- Blue (62%)



- Cyan (98%)
- Magenta (17%)
- Yellow (0%)
- Black (38%)



- Cyan (99%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.1050, 30.5142, -80.7761 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 95.1050, 30.5142, -80.7761 by changing the saturation by 10% instead.

■ 95.1050, 30.5142,
-80.7761

■ 95.1050, 30.5142,
-80.7761

■ 255.0000, 0.0000,
0.0000

■ 76.5690, 26.8345,
-67.1510

■ 157.9010, 26.6708,
-61.3032

■ 59.0440, 23.1493,
-51.7816

■ 186.4990, 26.3760,
-60.0736

■ 42.6930, 18.8854,
-37.4418

■ 213.6150, 20.4028,
-57.5444

■ 27.7440, 14.9162,
-24.3315

■ 231.6780, 11.4977,
-47.9526

■ 5.3920, 15.5827,
-4.7288

■ 240.6480, 7.0755,
-29.5093

■ 2.0690, 5.3890,
-1.8145

■ 249.6180, 2.6533,

■ 0.0000, 0.0000,

-11.0660

0.0000

■ 95.1050, 30.5142,
-80.7761

■ 95.1050, 30.5142,
-80.7761

■ 93.6210, 31.2458,
-82.1056

■ 101.6500, 27.2876,
-72.4840

■ 107.8960, 24.2083,
-64.8068

■ 113.8540, 21.2710,
-56.0000

■ 120.3990, 18.0443,
-47.7079

■ 126.9440, 14.8176,
-39.4159

■ 133.1900, 11.7383,
-31.7386

■ 139.1480, 8.8010,
-22.9318

■ 145.6930, 5.5744,
-14.6398

■ 151.9390, 2.4951,
-6.9625

Harmonies

Analogous

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



94.9560, 19.7417, -78.8914



95.1050, 30.5142, -80.7761



110.8910, 28.6477, -42.0004

Triad

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



95.1050, 30.5142, -80.7761



122.1430, 3.3805, 35.8316



115.6480, -22.9975, 2.9397

Complementary

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



95.1050, 30.5142, -80.7761



64.8950, -30.5142, 80.7761

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.



117.7260, -24.5149, 23.0423



95.1050, 30.5142, -80.7761



120.3860, -8.5713, 42.6345

Square

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



95.1050, 30.5142, -80.7761



122.1220, 15.2229, 17.4330



119.3070, -18.8854, 37.4418



112.2090, -13.9070, -19.4773

Rectangle

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



95.1050, 30.5142, -80.7761



117.2250, 25.5251, -20.3683



119.3070, -18.8854, 37.4418



116.3500, -24.3295, 10.2171

Sweetspot

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



95.1050, 30.5142, -80.7761



180.4890, 11.5909, -31.1239



96.3620, -33.2095, -81.8785



87.7140, 7.0430, -19.0432



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



95.1050, 30.5142, -80.7761



121.8720, 40.4891, -106.8817



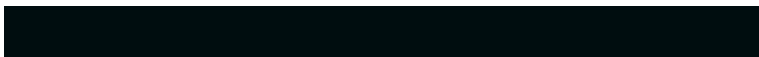
50.4930, 52.5080, -41.6514



76.0210, 1.4686, -4.4034



85.5680, 28.3140, -75.0431



9.3410, 2.7899, -8.1921

Inverse Universe

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



63.5240, 32.7727, 81.9785



80.1480, 43.3110, 108.6182



109.5070, -52.5080, 41.6514



74.1900, 1.8783, 4.2184



56.2090, 30.4630, 76.1157



5.9670, 3.4673, 7.9219

Previews

White Background



This preview shows how the YUV color 95.1050, 30.5142, -80.7761 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 95.1050, 30.5142, -80.7761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

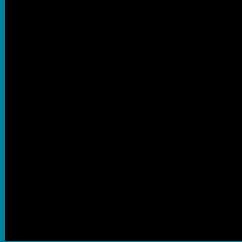
Any Text WCAG AA ✓ Pass

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 95.1050, 30.5142, -80.7761 Background



This preview shows how black text looks on a background with the YUV color 95.1050, 30.5142, -80.7761.

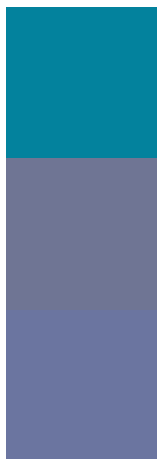


This preview shows how white text looks on a background with the YUV color 95.1050, 30.5142,

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

95.1050, 30.5142, -80.7761

Protanopia

118.7400, 14.4252, -6.7880

Deuteranopia

118.9120, 20.2564, -10.4468



Tritanopia

93.6720, 23.8257, -82.1503

Trichromacy



Original Color

95.1050, 30.5142, -80.7761

Protanomaly

110.3560, 20.0375, -33.6382

Deuteranomaly

110.3710, 23.9741, -36.2824

Tritanomaly

93.9540, 26.1517, -81.5207

Monochromacy



Original Color

95.1050, 30.5142, -80.7761

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.3860, 11.1487, -29.2795

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.1050, 30.5142, -80.7761 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(3, 130, 157)` looks like.

```
.text, #text, p{  
    color:rgb(3, 130, 157)  
}
```

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(3, 130, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 130, 157) }
```

Border

The CSS property to change the border of an element to YUV 95.1050, 30.5142, -80.7761 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(3, 130, 157) }
```


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

```
.border{ border-color:rgb(3, 130, 157) }
```

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

Here you see how a box with a 4 pixel rgb(3, 130, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 130, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 130, 157);  
box-shadow:4px 4px 4px 4px rgb(3, 130,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 95.1050, 30.5142, -80.7761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 130, 157) }
```

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

```
.background{ background-color: rgb(3, 130,  
157) }
```

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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