

Converting Colors

YUV(95.5680, 28.3140,
-75.0431)

Have a look what the booklet for
YUV(95.5680, 28.3140, -75.0431)
contains.

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Color

**YUV(95.5680, 28.3140,
-75.0431)**

Conversions

Conversions Part 1

Format	Color
Hex	0A8099
RGB	10, 128, 153
RGB Percent	4%, 50%, 60%
CMY	0.9608, 0.4980, 0.4000
CMYK	0.93, 0.16, 0.00, 0.40
HSL	190°, 88%, 32%
HSV	190°, 93%, 60%
XYZ	13.5941, 17.8028, 32.8568
YIQ	95.5680, -78.3530, -17.2410

Conversions

Conversions Part 2

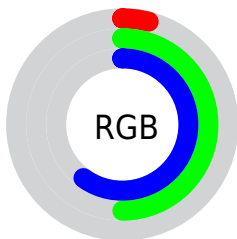
Format	Color
RYB	10, 75, 153
Decimal	688281
CIELab	49.26, -19.79, -21.64
CIELCh	49, 29.326, 227.547
Yxy	17.8028, 0.2116, 0.2771
Android (android.graphics.Color)	4278878361 (0xFF0A8099)
YUV	95.5680, 28.3140, -75.0431
Hunter-Lab	42.1933, -16.3281, -16.6350

Details

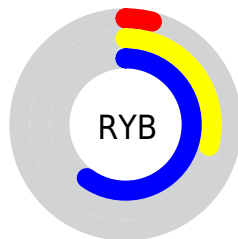
The YUV color **95.5680, 28.3140, -75.0431** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **67.4320, -28.3140, 75.0431**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.4560, 24.9182, -59.1589**, and **58.0010, 21.6915, -50.8669** is the 20% darker color. If you saturate the color by 10%, you get **91.4040, 30.3668, -80.1613**, and if you desaturate by 10%, it is **101.8140, 25.2347, -67.3659**.

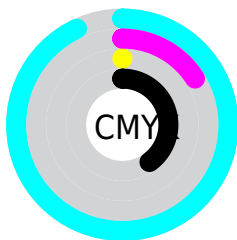
Distribution



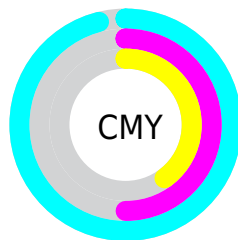
- Red (4%)
- Green (50%)
- Blue (60%)



- Red (4%)
- Yellow (29%)
- Blue (60%)



- Cyan (93%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)



- Cyan (96%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.5680, 28.3140, -75.0431 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 95.5680, 28.3140, -75.0431 by changing the saturation by 10% instead.

95.5680, 28.3140,
-75.0431

95.5680, 28.3140,
-75.0431

255.0000, 0.0000,
0.0000

74.9390, 25.6661,
-65.7215

156.4560, 24.9182,
-59.1589

58.0010, 21.6915,
-50.8669

185.1680, 25.0602,
-58.0293

41.1770, 18.1537,
-36.1122

212.4410, 20.9816,
-56.5148

26.2280, 14.1846,
-23.0020

231.6780, 11.4977,
-47.9526

5.0500, 14.2723,
-4.4289

240.6480, 7.0755,
-29.5093

0.9120, 3.4944,
-0.7998

249.3190, 2.8007,

0.0000, 0.0000,

-11.6808

0.0000

■ 95.5680, 28.3140,
-75.0431

■ 95.5680, 28.3140,
-75.0431

■ 91.4040, 30.3668,
-80.1613

■ 101.8140, 25.2347,
-67.3659

■ 107.7720, 22.2974,
-58.5590

■ 114.0180, 19.2181,
-50.8818

■ 120.2640, 16.1388,
-43.2045

■ 125.9230, 13.3490,
-35.0125

■ 132.4680, 10.1223,
-26.7204

■ 138.7140, 7.0430,
-19.0432

■ 144.3730, 4.2531,
-10.8511

■ 150.9180, 1.0264,
-2.5591

Harmonies

Analogous

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



96.3270, 17.0938, -69.5698



95.5680, 28.3140, -75.0431



109.5490, 27.3373, -41.7005

Triad

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



95.5680, 28.3140, -75.0431



120.3600, 4.2595, 33.8873



113.8870, -22.1293, 4.4841

Complementary

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



95.5680, 28.3140, -75.0431



67.4320, -28.3140, 75.0431

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.



115.9540, -23.6413, 22.8423



95.5680, 28.3140, -75.0431



118.9020, -7.8397, 41.3049

Square

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



95.5680, 28.3140, -75.0431



120.1110, 15.2283, 15.6887



117.8230, -18.1537, 36.1122



110.6330, -13.6231, -17.2181

Rectangle

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



95.5680, 28.3140, -75.0431



114.8120, 25.2357, -20.8831



117.8230, -18.1537, 36.1122



114.8770, -23.6034, 10.6319

Sweetspot

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



95.5680, 28.3140, -75.0431



176.3860, 11.1487, -29.2795



96.6770, -30.8998, -76.0157



86.1980, 6.3114, -17.7136



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



95.5680, 28.3140, -75.0431



118.9540, 39.4627, -104.3227



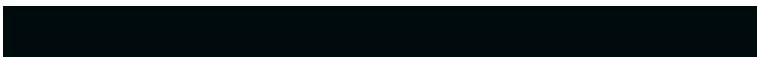
54.4780, 48.5713, -39.0072



73.4340, 1.7580, -3.8886



84.0520, 27.5824, -73.7136



7.9390, 2.4951, -6.9625

Inverse Universe

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



66.2090, 30.4630, 76.1157



78.1970, 42.3009, 105.9442



108.5220, -48.5713, 39.0072



72.0760, 1.4415, 4.3183



55.0840, 30.0316, 74.4713



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 95.5680, 28.3140, -75.0431 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 95.5680, 28.3140, -75.0431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

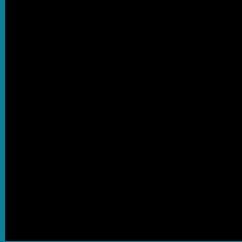
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 95.5680, 28.3140, -75.0431

Background



This preview shows how black text looks on a background with the YUV color 95.5680, 28.3140, -75.0431.



This preview shows how white text looks on a background with the YUV color 95.5680, 28.3140,

-75.0431.

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

95.5680, 28.3140, -75.0431

Protanopia

116.8110, 13.4042, -5.9732

Deuteranopia

116.9830, 19.2354, -9.6321



Tritanopia

92.2700, 23.5309, -80.9208

Trichromacy



Original Color

95.5680, 28.3140, -75.0431

Protanomaly

109.3240, 18.5743, -30.9791

Deuteranomaly

109.3390, 22.5109, -33.6233

Tritanomaly

93.4490, 25.4146, -78.4468

Monochromacy



Original Color

95.5680, 28.3140, -75.0431

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1690, 10.2697, -27.3352

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.5680, 28.3140, -75.0431 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(10, 128, 153)` looks like.

```
.text, #text, p{  
    color:rgb(10, 128, 153)  
}
```

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(10, 128, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 128, 153) }
```

Border

The CSS property to change the border of an element to YUV 95.5680, 28.3140, -75.0431 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(10, 128, 153) }
```


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

```
.border{ border-color:rgb(10, 128, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 128, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 128, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 128, 153);  
box-shadow:4px 4px 4px 4px rgb(10, 128,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 95.5680, 28.3140, -75.0431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 128, 153) }
```

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

```
.background{ background-color: rgb(10, 128,  
153) }
```

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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