

Converting Colors

YUV(75.6430, 17.9240,
-55.8149)

Have a look what the booklet for
YUV(75.6430, 17.9240, -55.8149)
contains.

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Color

**YUV(75.6430, 17.9240,
-55.8149)**

Conversions

Conversions Part 1

Format	Color
Hex	0C6570
RGB	12, 101, 112
RGB Percent	5%, 40%, 44%
CMY	0.9529, 0.6039, 0.5608
CMYK	0.89, 0.10, 0.00, 0.56
HSL	187°, 81%, 24%
HSV	187°, 89%, 44%
XYZ	7.7299, 10.5554, 16.9592
YIQ	75.6430, -56.5750, -15.4470

Conversions

Conversions Part 2

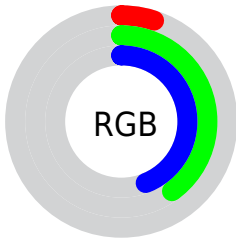
Format	Color
R_{YB}	12, 59, 112
Decimal	812400
CIE _{Lab}	38.82, -19.67, -13.09
CIE _{LCh}	39, 23.627, 213.640
Yxy	10.5554, 0.2193, 0.2995
Android (android.graphics.Color)	4279002480 (0xFF0C6570)
YUV	75.6430, 17.9240, -55.8149
Hunter-Lab	32.4890, -14.3863, -8.2069

Details

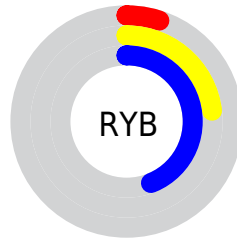
The YUV color **75.6430, 17.9240, -55.8149** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **48.3570, -17.9240, 55.8149**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.2420, 16.1497, -46.6932**, and **38.9940, 12.3280, -34.1977** is the 20% darker color. If you saturate the color by 10%, you get **71.7670, 19.8349, -62.0627**, and if you desaturate by 10%, it is **79.5190, 16.0131, -49.5672**.

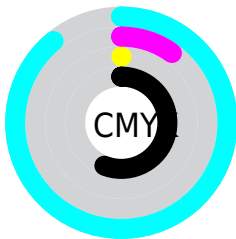
Distribution



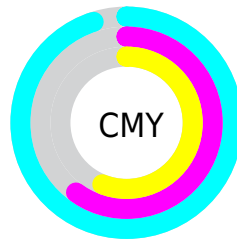
- Red (5%)
- Green (40%)
- Blue (44%)



- Red (5%)
- Yellow (23%)
- Blue (44%)



- Cyan (89%)
- Magenta (10%)
- Yellow (0%)
- Black (56%)



- Cyan (95%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.6430, 17.9240, -55.8149 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 75.6430, 17.9240, -55.8149 by changing the saturation by 10% instead.

75.6430, 17.9240,
-55.8149

75.6430, 17.9240,
-55.8149

255.0000, 0.0000,
0.0000

55.2310, 16.1551,
-48.4376

131.2420, 16.1497,
-46.6932

38.9940, 12.3280,
-34.1977

158.5410, 16.0023,
-46.0785

24.1590, 8.7956,
-21.1874

186.5410, 16.0023,
-46.0785

3.0950, 9.3202,
-2.7143

214.5410, 16.0023,
-46.0785

0.0000, 0.0000,
0.0000

235.5650, 9.5815,
-39.9605

244.2360, 5.3067,

-22.1320

253.2060, 0.8844,
-3.6887

75.6430, 17.9240,
-55.8149

75.6430, 17.9240,
-55.8149

71.7670, 19.8349,
-62.0627

79.5190, 16.0131,
-49.5672

71.4680, 19.9823,
-62.6774

83.3950, 14.1023,
-43.3194

88.1570, 11.7546,
-36.9717

92.0330, 9.8437,
-30.7239

95.9090, 7.9329,
-24.4762

■ 99.7850, 6.0220,
-18.2284

■ 104.2480, 3.8217,
-12.4955

■ 108.4230, 1.7635,
-5.6330

■ 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.



80.3430, 6.2399, -41.5198



75.6430, 17.9240, -55.8149



81.9420, 21.2276, -42.0451

Triad

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



75.6430, 17.9240, -55.8149



94.0810, 7.3551, 20.9770



89.9570, -18.2198, 10.5617

Complementary

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



75.6430, 17.9240, -55.8149



48.3570, -17.9240, 55.8149

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.



91.0880, -16.8054, 23.6018



75.6430, 17.9240, -55.8149



93.7310, -1.8394, 30.0539

Square

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



75.6430, 17.9240, -55.8149



93.5070, 14.5400, 3.0634



92.7390, -10.7173, 30.9239



87.8840, -14.2398, -6.0373

Rectangle

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



75.6430, 17.9240, -55.8149



87.5140, 20.4526, -26.7608



92.7390, -10.7173, 30.9239



90.5770, -18.5255, 15.2800

Sweetspot

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



75.6430, 17.9240, -55.8149



130.9910, 6.9064, -21.9171



71.8400, -24.5711, -52.4797



65.0630, 4.4059, -13.2103



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.



75.6430, 17.9240, -55.8149



92.2530, 26.0043, -80.9059



46.8800, 32.1042, -30.5898



53.6190, 1.1738, -3.1739



76.4890, 21.4509, -67.0809



157.2980, 44.2231, -137.9503

Inverse Universe

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



52.0460, 24.1343, 52.5797



58.0610, 34.9729, 76.2455



77.1200, -32.1042, 30.5898



52.3640, 1.2995, 3.1888



48.0780, 29.0485, 63.0756



98.9330, 59.6860, 129.8548

Previews

White Background



This preview shows how the YUV color 75.6430, 17.9240, -55.8149 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 75.6430, 17.9240, -55.8149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

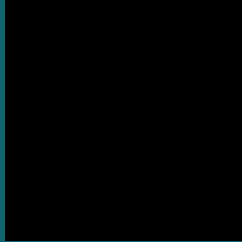
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.6430, 17.9240, -55.8149

Background



This preview shows how black text looks on a background with the YUV color 75.6430, 17.9240, -55.8149.

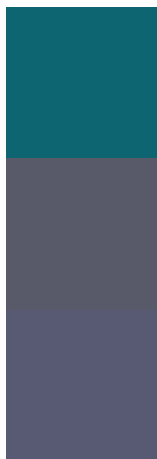


This preview shows how white text looks on a background with the YUV color 75.6430, 17.9240,

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

75.6430, 17.9240, -55.8149

Protanopia

91.4110, 6.6994, -2.1144

Deuteranopia

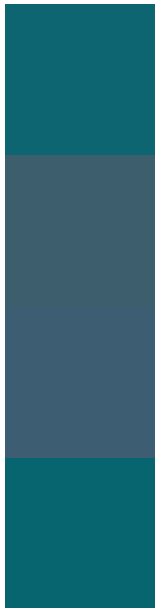
91.6650, 11.5042, -3.2142



Tritanopia

73.0230, 18.2297, -60.5332

Trichromacy



Original Color

75.6430, 17.9240, -55.8149

Protanomaly

85.7290, 10.9796, -21.6873

Deuteranomaly

85.5270, 14.0372, -22.3872

Tritanomaly

74.0340, 18.2242, -58.7888

Monochromacy



Original Color

75.6430, 17.9240, -55.8149

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8880, 6.4642, -20.0728

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.6430, 17.9240, -55.8149 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, 101, 112)` looks like.

```
.text, #text, p{  
    color:rgb(12, 101, 112)  
}
```

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, 101, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 101, 112) }
```

Border

The CSS property to change the border of an element to YUV 75.6430, 17.9240, -55.8149 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, 101, 112) }
```


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

```
.border{ border-color:rgb(12, 101, 112) }
```

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

Here you see how a box with a 4 pixel rgb(12, 101, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 101, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 101, 112);  
box-shadow:4px 4px 4px 4px rgb(12, 101,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 75.6430, 17.9240, -55.8149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 101, 112) }
```

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

```
.background{ background-color: rgb(12, 101,  
112) }
```

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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