

Converting Colors

YUV(85.7210, 6.0535, -75.1773)

Have a look what the booklet for
YUV(85.7210, 6.0535, -75.1773)
contains.

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Color

**YUV(85.7210, 6.0535,
-75.1773)**

Conversions

Conversions Part 1

Format	Color
Hex	007F62
RGB	0, 127, 98
RGB Percent	0%, 50%, 38%
CMY	1.0000, 0.5020, 0.6157
CMYK	1.00, 0.00, 0.23, 0.50
HSL	166°, 100%, 25%
HSV	166°, 100%, 50%
XYZ	9.7940, 16.0606, 14.1391
YIQ	85.7210, -66.3830, -35.9430

Conversions

Conversions Part 2

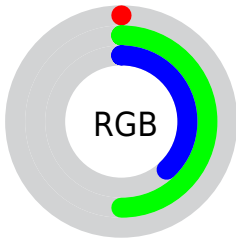
Format	Color
RYB	0, 72, 127
Decimal	32610
CIELab	47.05, -37.37, 7.44
CIELCh	47, 38.106, 168.748
Yxy	16.0606, 0.2449, 0.4016
Android (android.graphics.Color)	4278222690 (0xFF007F62)
YUV	85.7210, 6.0535, -75.1773
Hunter-Lab	40.0757, -26.5093, 7.1349

Details

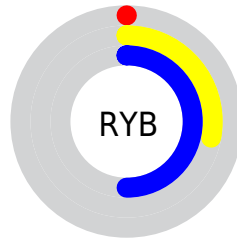
The YUV color **85.7210, 6.0535, -75.1773** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **41.2790, -6.0535, 75.1773**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.8540, 1.0580, -59.5080**, and **51.1270, 0.4304, -44.8384** is the 20% darker color. If you saturate the color by 10%, you get **85.7210, 6.0535, -75.1773**, and if you desaturate by 10%, it is **89.9500, 5.4477, -67.4851**.

Distribution



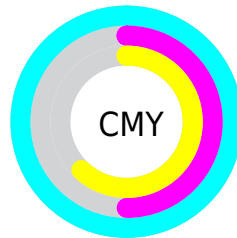
- Red (0%)
- Green (50%)
- Blue (38%)



- Red (0%)
- Yellow (28%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.7210, 6.0535, -75.1773 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 85.7210, 6.0535, -75.1773 by changing the saturation by 10% instead.

■ 85.7210, 6.0535,
-75.1773

■ 85.7210, 6.0535,
-75.1773

255.0000, 0.0000,
0.0000

■ 67.7230, 3.0946,
-59.3931

■ 146.8540, 1.0580,
-59.5080

■ 51.1270, 0.4304,
-44.8384

■ 174.3380, 0.3264,
-58.1784

■ 34.5310, -2.2338,
-30.2837

■ 202.9250, 0.0370,
-58.6932

■ 19.4680, -6.6397,
-17.0734

■ 225.3540, 2.7835,
-52.9305

■ 0.0000, 0.0000,
0.0000

■ 236.4620, 9.1392,
-38.1162

■ 245.4320, 4.7170,

-19.6729

254.1030, 0.4422,
-1.8443

■ 85.7210, 6.0535,
-75.1773

■ 89.9500, 5.4477,
-67.4851

■ 93.8800, 4.9892,
-60.4078

■ 98.1090, 4.3833,
-52.7156

■ 102.3380, 3.7774,
-45.0234

■ 106.5670, 3.1715,
-37.3313

■ 110.3830, 2.2762,
-30.1539

■ 114.6120, 1.6703,
-22.4617

■ 118.8410, 1.0644,
-14.7696

■ 122.7710, 0.6059,
-7.6922

Harmonies

Analogous

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



102.0790, -16.8009, -24.6253



85.7210, 6.0535, -75.1773



90.0700, 20.1785, -78.9914

Triad

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



85.7210, 6.0535, -75.1773



111.1100, 30.0188, -15.0055



111.0260, -22.6908, 44.7042

Complementary

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



85.7210, 6.0535, -75.1773



41.2790, -6.0535, 75.1773

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.



111.9250, -9.3300, 52.6858



85.7210, 6.0535, -75.1773



114.8820, 19.2852, 21.1515

Square

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



85.7210, 6.0535, -75.1773



89.1020, 41.8547, -78.1425



114.0670, 5.3900, 44.6682



109.7390, -30.9303, 27.4159

Rectangle

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



85.7210, 6.0535, -75.1773



91.1760, 29.4932, -79.9614



114.0670, 5.3900, 44.6682



111.0850, -18.7759, 49.0375

Sweetspot

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



85.7210, 6.0535, -75.1773



149.6820, 2.1288, -29.5391



83.5190, -41.1749, -46.9362



74.2320, 1.3646, -17.7435



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



85.7210, 6.0535, -75.1773



112.0340, 7.8712, -98.2538



69.0690, 28.5600, -60.5735



61.6790, 0.1583, -4.1035



86.3080, 5.7642, -75.6921



0.0000, 0.0000, 0.0000

Inverse Universe

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



41.2790, -6.0535, 75.1773



53.9660, -7.8712, 98.2538



57.9310, -28.5600, 60.5735



59.3210, -0.1583, 4.1035



41.5780, -6.2010, 75.7921



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 85.7210, 6.0535, -75.1773 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 85.7210, 6.0535, -75.1773 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 85.7210, 6.0535, -75.1773

Background



This preview shows how black text looks on a background with the YUV color 85.7210, 6.0535, -75.1773.



This preview shows how white text looks on a background with the YUV color 85.7210, 6.0535, -75.1773.

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

85.7210, 6.0535, -75.1773

Protanopia

110.6990, -10.2046, 6.4030

Deuteranopia

111.8120, -4.8373, 11.5659



Tritanopia

98.6220, 16.4554, -51.4115

Trichromacy



Original Color

85.7210, 6.0535, -75.1773

Protanomaly

101.7060, -4.2921, -23.4212

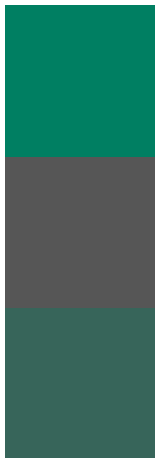
Deuteranomaly

102.3520, -0.6665, -19.6027

Tritanomaly

93.9430, 12.8461, -60.4630

Monochromacy



Original Color

85.7210, 6.0535, -75.1773

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.9920, 1.9759, -27.1800

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.7210, 6.0535, -75.1773 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(0, 127, 98)` looks like.

```
.text, #text, p{  
    color:rgb(0, 127, 98)  
}
```

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(0, 127, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 127, 98) }
```

Border

The CSS property to change the border of an element to YUV 85.7210, 6.0535, -75.1773 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(0, 127, 98) }
```


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

```
.border{ border-color:rgb(0, 127, 98) }
```

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

Here you see how a box with a 4 pixel rgb(0, 127, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 127, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 127, 98);  
box-shadow:4px 4px 4px 4px rgb(0, 127, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.7210, 6.0535, -75.1773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 127, 98) }
```

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

```
.background{ background-color: rgb(0, 127,  
98) }
```

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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