

Converting Colors

YUV(105.2390, -3.0758,
-87.0326)

Have a look what the booklet for
YUV(105.2390, -3.0758, -87.0326)
contains.

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Color

**YUV(105.2390, -3.0758,
-87.0326)**

Conversions

Conversions Part 1

Format	Color
Hex	069D63
RGB	6, 157, 99
RGB Percent	2%, 62%, 39%
CMY	0.9765, 0.3843, 0.6118
CMYK	0.96, 0.00, 0.37, 0.38
HSL	157°, 93%, 32%
HSV	157°, 96%, 62%
XYZ	14.3842, 25.0535, 15.8821
YIQ	105.2390, -71.3780, -50.0500

Conversions

Conversions Part 2

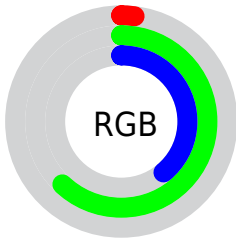
Format	Color
RYB	6, 99, 157
Decimal	433507
CIELab	57.13, -48.75, 20.80
CIELCh	57, 53.005, 156.893
Yxy	25.0535, 0.2600, 0.4529
Android (android.graphics.Color)	4278623587 (0xFF069D63)
YUV	105.2390, -3.0758, -87.0326
Hunter-Lab	50.0535, -36.2968, 16.2246

Details

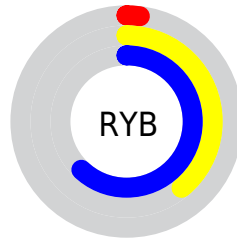
The YUV color **105.2390, -3.0758, -87.0326** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **57.7610, 3.0758, 87.0326**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7420, -9.2398, -69.9337**, and **66.9760, -7.3832, -58.7380** is the 20% darker color. If you saturate the color by 10%, you get **103.2170, -3.0650, -90.5213**, and if you desaturate by 10%, it is **110.7070, -2.8136, -77.7960**.

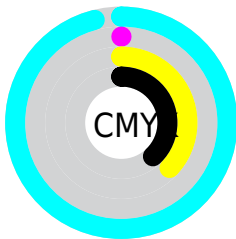
Distribution



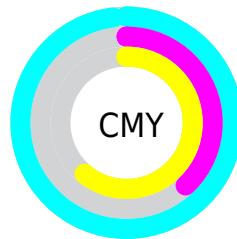
- Red (2%)
- Green (62%)
- Blue (39%)



- Red (2%)
- Yellow (39%)
- Blue (62%)



- Cyan (96%)
- Magenta (0%)
- Yellow (37%)
- Black (38%)



- Cyan (98%)
- Magenta (38%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YUV color 105.2390, -3.0758, -87.0326 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 105.2390, -3.0758, -87.0326 by changing the saturation by 10% instead.


 105.2390, -3.0758,
-87.0326

 105.2390, -3.0758,
-87.0326


255.0000, 0.0000,
0.0000

 84.8600, -4.8610,
-74.4222


 168.7420, -9.2398,
-69.9337

 66.9760, -7.3832,
-58.7380


 197.2260, -9.9714,
-68.6042

 49.7930, -9.7579,
-43.6685

 217.3070, -6.0674,
-60.7822

 33.0830, -12.8589,
-29.0138

 229.4690, 1.7408,
-45.1383

 18.7840, -9.2605,
-16.4736

 240.6480, 7.0755,
-29.5093

 0.0000, 0.0000,
0.0000

 249.6180, 2.6533,

-11.0660

■ 105.2390, -3.0758,
-87.0326

■ 105.2390, -3.0758,
-87.0326

■ 103.2170, -3.0650,
-90.5213

■ 110.7070, -2.8136,
-77.7960

■ 115.8760, -2.4039,
-69.1743

■ 121.3440, -2.1416,
-59.9377

■ 126.8120, -1.8793,
-50.7011

■ 132.2800, -1.6170,
-41.4646

■ 137.4490, -1.2074,
-32.8428

■ 142.9170, -0.9451,
-23.6062

■ 148.3850, -0.6828,
-14.3696

■ 153.5540, -0.2731,
-5.7479

Harmonies

Analogous

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



125.4590, -33.2573, -19.6965



105.2390, -3.0758, -87.0326



110.6780, 17.9067, -97.0646

Triad

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



105.2390, -3.0758, -87.0326



125.9380, 50.8096, -56.9506



135.2080, -25.2455, 70.8546

Complementary

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



105.2390, -3.0758, -87.0326



57.7610, 3.0758, 87.0326

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.



135.8490, -3.8696, 74.6774



105.2390, -3.0758, -87.0326



140.2410, 34.8842, 11.1896

Square

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



105.2390, -3.0758, -87.0326



114.5320, 52.9817, -100.4446



140.1080, 16.7088, 54.2793



134.4230, -41.6205, 49.6180

Rectangle

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



105.2390, -3.0758, -87.0326



113.6250, 31.7369, -99.6491



140.1080, 16.7088, 54.2793



135.0650, -18.2730, 74.4880

Sweetspot

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



105.2390, -3.0758, -87.0326



183.7370, -1.3493, -33.9723



112.5770, -52.5425, -40.8480



89.6400, -0.8085, -20.7323



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.



105.2390, -3.0758, -87.0326



134.1120, -3.9992, -117.6162



103.0460, 26.5993, -85.1093



76.2660, -0.1311, -4.6183



93.9730, -2.9447, -82.4143



9.8310, -0.4097, -8.6218

Inverse Universe

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



57.7610, 3.0758, 87.0326



69.8880, 3.9992, 117.6162



59.9540, -26.5993, 85.1093



73.7340, 0.1311, 4.6183



49.0270, 2.9447, 82.4143



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 105.2390, -3.0758, -87.0326 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 105.2390, -3.0758, -87.0326 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 105.2390, -3.0758, -87.0326

Background



This preview shows how black text looks on a background with the YUV color 105.2390, -3.0758, -87.0326.



This preview shows how white text looks on a background with the YUV color 105.2390, -3.0758, -87.0326.

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

105.2390, -3.0758, -87.0326

Protanopia

134.3440, -21.8616, 11.9763

Deuteranopia

136.7070, -15.6316, 20.4280



Tritanopia

122.6750, 19.3872, -58.4740

Trichromacy



Original Color

105.2390, -3.0758, -87.0326



Protanomaly

123.8340, -15.2012, -24.4104



Deuteranomaly

125.0180, -10.8549, -18.4328



Tritanomaly

116.4320, 11.1260, -68.7849

Monochromacy



Original Color

105.2390, -3.0758, -87.0326



Achromatopsia

105.0000, 0.0000, 0.0000



Achromatomaly

105.1610, -1.0654, -31.7132

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.2390, -3.0758, -87.0326 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(6, 157, 99)` looks like.

```
.text, #text, p{  
    color:rgb(6, 157, 99)  
}
```

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(6, 157, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 157, 99) }
```

Border

The CSS property to change the border of an element to YUV 105.2390, -3.0758, -87.0326 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(6, 157, 99) }
```


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

```
.border{ border-color:rgb(6, 157, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 157, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 157, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 157, 99);  
box-shadow:4px 4px 4px 4px rgb(6, 157, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 105.2390, -3.0758, -87.0326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 157, 99) }
```

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

```
.background{ background-color: rgb(6, 157,  
99) }
```

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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