

Converting Colors

YUV(149.0800, 4.8906,
-75.4922)

Have a look what the booklet for
YUV(149.0800, 4.8906, -75.4922)
contains.

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Color

**YUV(149.0800, 4.8906,
-75.4922)**

Conversions

Conversions Part 1

Format	Color
Hex	3FBF9F
RGB	63, 191, 159
RGB Percent	25%, 75%, 62%
CMY	0.7529, 0.2510, 0.3765
CMYK	0.67, 0.00, 0.17, 0.25
HSL	165°, 50%, 50%
HSV	165°, 67%, 75%
XYZ	26.9387, 40.8216, 39.2604
YIQ	149.0800, -66.0160, -37.0880

Conversions

Conversions Part 2

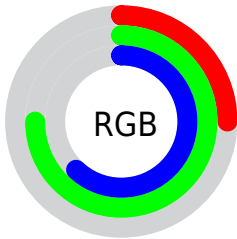
Format	Color
RYB	63, 136, 191
Decimal	4177823
CIELab	70.05, -42.47, 6.01
CIELCh	70, 42.897, 171.943
Yxy	40.8216, 0.2517, 0.3814
Android (android.graphics.Color)	4282367903 (0xFF3FBF9F)
YUV	149.0800, 4.8906, -75.4922
Hunter-Lab	63.8918, -36.5495, 8.2915

Details

The YUV color **149.0800, 4.8906, -75.4922** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **104.9200, -4.8906, 75.4922**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.3470, 3.2799, -72.2183**, and **92.7310, 7.5276, -81.3251** is the 20% darker color. If you saturate the color by 10%, you get **142.8290, 5.5073, -86.6730**, and if you desaturate by 10%, it is **155.3310, 4.2738, -64.3113**.

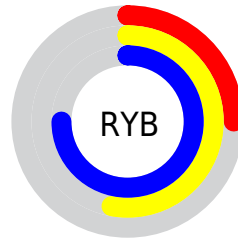
Distribution



Red (25%)

Green (75%)

Blue (62%)



Red (25%)

Yellow (53%)

Blue (75%)

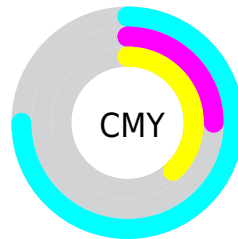


Cyan (67%)

Magenta (0%)

Yellow (17%)

Black (25%)



Cyan (75%)

Magenta (25%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.0800, 4.8906, -75.4922 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 149.0800, 4.8906, -75.4922 by changing the saturation by 10% instead.


 149.0800, 4.8906,
-75.4922


 149.0800, 4.8906,
-75.4922


255.0000, 0.0000,
0.0000


 116.5240, 8.1227,
-85.5285

 207.3470, 3.2799,
-72.2183


 92.7310, 7.5276,
-81.3251


 223.6180, 9.0623,
-60.1780


 74.6190, 4.1318,
-65.4409


 234.0700, 10.3185,
-43.0344

 56.7350, 1.6096,
-49.7566

 242.7410, 6.0437,
-25.2059

 40.2530, -0.6177,
-35.3019

 252.0100, 1.4741,
-6.1478

 25.5320, -3.7133,
-22.3916

 0.0000, 0.0000,

0.0000

■ 149.0800, 4.8906,
-75.4922

■ 149.0800, 4.8906,
-75.4922

■ 142.8290, 5.5073,
-86.6730

■ 155.3310, 4.2738,
-64.3113

■ 136.5780, 6.1240,
-97.8539

■ 161.5820, 3.6571,
-53.1304

■ 130.4410, 7.1776,
-109.1348

■ 167.7190, 2.6035,
-41.8496

■ 128.4190, 7.1884,
-112.6235

■ 173.9700, 1.9868,
-30.6687

■ 180.5200, 1.2226,
-18.8730

■ 186.7710, 0.6059,
-7.6922

■ 192.9080, -0.4476,
3.5887

■ 199.1590, -1.0644,
14.7696

■ 205.4100, -1.6811,
25.9504

Harmonies

Analogous

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



159.5680, -18.5210, -32.9471



149.0800, 4.8906, -75.4922



134.8030, 31.6491, -118.2222

Triad

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



149.0800, 4.8906, -75.4922



172.0980, 34.9547, -11.4869



171.5450, -29.8487, 53.8960

Complementary

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



149.0800, 4.8906, -75.4922



104.9200, -4.8906, 75.4922

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.



173.3240, -14.4567, 63.7369



149.0800, 4.8906, -75.4922



176.5070, 21.4420, 29.3734

Square

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



149.0800, 4.8906, -75.4922



159.0700, 43.8425, -62.3284



175.0900, 3.8996, 56.0491



168.7520, -37.3457, 31.7895

Rectangle

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



149.0800, 4.8906, -75.4922



136.2510, 42.2743, -119.4921



175.0900, 3.8996, 56.0491



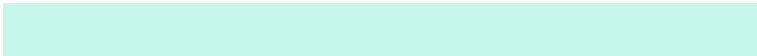
171.5440, -24.9182, 59.1589

Sweetspot

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



149.0800, 4.8906, -75.4922



230.9810, 1.9814, -28.9243



147.7040, -41.7591, -46.2214



115.1180, 0.9278, -17.6435



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



149.0800, 4.8906, -75.4922



182.2120, 7.7835, -116.8269



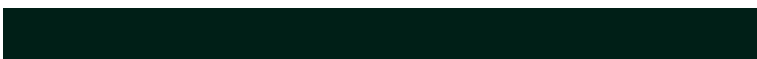
133.9440, 28.1286, -62.2179



91.0810, 0.4531, -5.3330



106.3120, 6.2552, -93.2356



20.8190, 1.0752, -18.2583

Inverse Universe

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



104.9200, -4.8906, 75.4922



113.9020, -7.3467, 116.7269



120.0560, -28.1286, 62.2179



87.9190, -0.4531, 5.3330



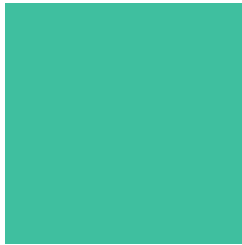
51.8020, -5.8184, 93.1356



10.1810, -1.0752, 18.2583

Previews

White Background



This preview shows how the YUV color 149.0800, 4.8906, -75.4922 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 149.0800, 4.8906, -75.4922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

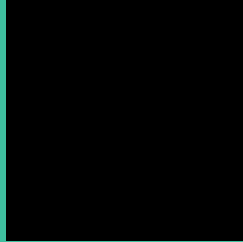
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.0800, 4.8906, -75.4922 Background



This preview shows how black text looks on a background with the YUV color 149.0800, 4.8906, -75.4922.



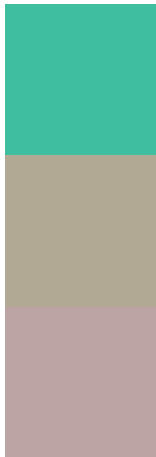
This preview shows how white text looks on a background with the YUV color 149.0800, 4.8906,

-75.4922.

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

149.0800, 4.8906, -75.4922

Protanopia

169.2970, -10.4994, 7.6325

Deuteranopia

171.2900, -3.1010, 14.6547



Tritanopia

155.6140, 21.8823, -65.4365

Trichromacy



Original Color

149.0800, 4.8906, -75.4922



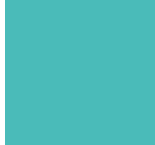
Protanomaly

161.8910, -4.8763, -22.7064



Deuteranomaly

163.4770, -0.2352, -17.9583



Tritanomaly

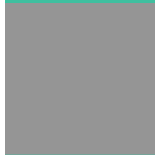
152.9850, 15.7834, -69.2698

Monochromacy



Original Color

149.0800, 4.8906, -75.4922



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

148.9920, 1.9759, -27.1800

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.0800, 4.8906, -75.4922 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(63, 191, 159)` looks like.

```
.text, #text, p{  
    color:rgb(63, 191, 159)  
}
```

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(63, 191, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 191, 159) }
```

Border

The CSS property to change the border of an element to YUV 149.0800, 4.8906, -75.4922 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(63, 191, 159) }
```


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

```
.border{ border-color:rgb(63, 191, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 191, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 191, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 191, 159);  
box-shadow:4px 4px 4px 4px rgb(63, 191,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 149.0800, 4.8906, -75.4922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 191, 159) }
```

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

```
.background{ background-color: rgb(63, 191,  
159) }
```

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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