

Converting Colors

YUV(109.8250, 5.5093, 6.2925)

Have a look what the booklet for
YUV(109.8250, 5.5093, 6.2925)
contains.

YUV(109.8250, 5.5093, 6.2925)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(109.8250, 5.5093,
6.2925)**

Conversions

Conversions Part 1

Format	Color
Hex	756879
RGB	117, 104, 121
RGB Percent	46%, 41%, 47%
CMY	0.5412, 0.5922, 0.5255
CMYK	0.03, 0.14, 0.00, 0.53
HSL	286°, 8%, 44%
HSV	286°, 14%, 47%
XYZ	15.7376, 15.0630, 20.1671
YIQ	109.8250, 2.2910, 8.0430

Conversions

Conversions Part 2

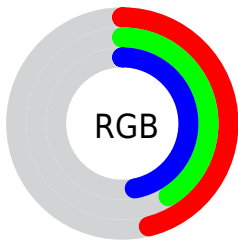
Format	Color
R_{YB}	117, 104, 121
Decimal	7694457
CIE _{Lab}	45.72, 8.52, -7.59
CIE _{LCh}	46, 11.414, 318.313
Yxy	15.0630, 0.3088, 0.2955
Android (android.graphics.Color)	4285884537 (0xFF756879)
YUV	109.8250, 5.5093, 6.2925
Hunter-Lab	38.8111, 4.4611, -3.6407

Details

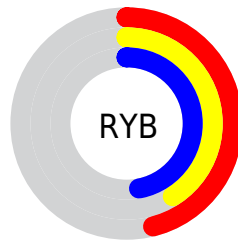
The YUV color $109.8250, 5.5093, 6.2925$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $115.1750, -5.5093, -6.2925$, and the grayscale version is $110.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $161.2380, 5.7987, 6.8073$, and $62.2980, 4.7831, 5.8777$ is the 20% darker color. If you saturate the color by 10%, you get $101.8840, 9.4242, 10.6257$, and if you desaturate by 10%, it is $117.7660, 1.5944, 1.9592$.

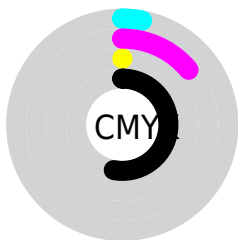
Distribution



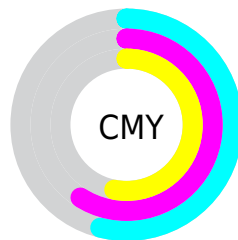
- Red (46%)
- Green (41%)
- Blue (47%)



- Red (46%)
- Yellow (41%)
- Blue (47%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (53%)




- Cyan (54%)
- Magenta (59%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.8250, 5.5093, 6.2925 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 109.8250, 5.5093, 6.2925 by changing the saturation by 10% instead.


 109.8250, 5.5093,
6.2925


 109.8250, 5.5093,
6.2925


255.0000, 0.0000,
0.0000

 85.4120, 5.2199,
5.7777


 161.2380, 5.7987,
6.8073


 62.2980, 4.7831,
5.8777


 188.3520, 6.2355,
6.7073

 39.9990, 4.9305,
5.2629

 216.3520, 6.2355,
6.7073

 19.2980, 4.7831,
5.8777

 244.4230, 5.2145,
7.5220

 0.1140, 0.4368,
-0.1000

 0.0000, 0.0000,
0.0000

■ 109.8250, 5.5093,
6.2925

■ 109.8250, 5.5093,
6.2925

■ 101.8840, 9.4242,
10.6257

■ 117.7660, 1.5944,
1.9592

■ 93.9430, 13.3391,
14.9590

■ 125.7070, -2.3206,
-2.3740

■ 86.0020, 17.2540,
19.2922

■ 133.6480, -6.2355,
-6.7073

■ 78.3600, 21.0215,
24.2403

■ 141.2900,
-10.0030, -11.6553

■ 69.8320, 25.2258,
29.0883

■ 149.2310,
-13.9179, -15.9886

■ 61.8910, 29.1407,
33.4216

■ 157.7590,
-18.1222, -20.8366

■ 53.9500, 33.0556,
37.7548

■ 165.7000,
-22.0371, -25.1699

■ 46.0090, 36.9706,

■ 173.6410,

42.0881

-25.9520, -29.5032

■ 41.6010, 39.1437,
45.0769

■ 181.5820,
-29.8669, -33.8364

Harmonies

Analogous

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



108.5680, 8.5940, -3.1291



109.8250, 5.5093, 6.2925



110.0170, 0.9776, 13.1401

Triad

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



109.8250, 5.5093, 6.2925



108.0630, -8.9051, 9.5917



105.0300, 4.4222, -18.4433

Complementary

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



109.8250, 5.5093, 6.2925



115.1750, -5.5093, -6.2925

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.



105.3850, -0.6828, -14.3696



109.8250, 5.5093, 6.2925



107.1330, -8.4466, 2.5144

Square

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



109.8250, 5.5093, 6.2925



108.8510, -7.3215, 15.0397



106.1750, -5.5093, -6.2925



105.6540, 8.0586, -18.1136

Rectangle

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



109.8250, 5.5093, 6.2925



110.2300, -2.0854, 15.5843



106.1750, -5.5093, -6.2925



104.9870, 2.9644, -17.5286

Sweetspot

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



109.8250, 5.5093, 6.2925



154.1790, 1.8838, 2.4740



108.2860, 6.2680, -3.7588



76.3530, 1.3050, 1.4444



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



109.8250, 5.5093, 6.2925



140.3570, 8.6980, 10.2109



110.5650, 3.1725, 9.1515



57.1790, 1.8838, 2.4740



42.9540, 40.4487, 46.5213



86.4350, 81.6235, 93.4575

Inverse Universe

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



109.5390, -0.7587, 10.0513



139.8710, -0.9224, 15.8991



114.4350, -3.1725, -9.1515



57.0220, -0.0108, 3.4887



40.6810, -5.7587, 73.9478



82.0740, -11.3755, 149.0251

Previews

White Background



This preview shows how the YUV color 109.8250, 5.5093, 6.2925 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 109.8250, 5.5093, 6.2925 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 109.8250, 5.5093, 6.2925

Background



This preview shows how black text looks on a background with the YUV color 109.8250, 5.5093, 6.2925.



This preview shows how white text looks on a background with the YUV color 109.8250, 5.5093,

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

109.8250, 5.5093, 6.2925

Protanopia

108.5250, 7.1362, -2.2144

Deuteranopia

109.2160, 5.8095, 3.3186



Tritanopia

109.3150, 2.3097, 5.8627

Trichromacy



Original Color

109.8250, 5.5093, 6.2925

Protanomaly

109.0200, 6.3991, 0.8595

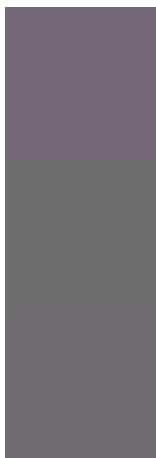
Deuteranomaly

109.5150, 5.6621, 3.9333

Tritanomaly

109.6570, 3.6201, 5.5628

Monochromacy



Original Color

109.8250, 5.5093, 6.2925

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.1790, 1.8838, 2.4740

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.8250, 5.5093, 6.2925 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(117, 104, 121)` looks like.

```
.text, #text, p{  
    color:rgb(117, 104, 121)  
}
```

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(117, 104, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 104, 121) }
```

Border

The CSS property to change the border of an element to YUV 109.8250, 5.5093, 6.2925 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(117, 104, 121) }
```


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

```
.border{ border-color:rgb(117, 104, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 104, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 104, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 104, 121);  
box-shadow:4px 4px 4px 4px rgb(117, 104,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 109.8250, 5.5093, 6.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 104, 121) }
```

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

```
.background{ background-color: rgb(117,  
104, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor