

Converting Colors

YUV(65.3150, 45.6937,
-49.3883)

Have a look what the booklet for
YUV(65.3150, 45.6937, -49.3883)
contains.

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Color

**YUV(65.3150, 45.6937,
-49.3883)**

Conversions

Conversions Part 1

Format	Color
Hex	094C9E
RGB	9, 76, 158
RGB Percent	4%, 30%, 62%
CMY	0.9647, 0.7020, 0.3804
CMYK	0.94, 0.52, 0.00, 0.38
HSL	213°, 89%, 33%
HSV	213°, 94%, 62%
XYZ	8.8687, 7.6956, 33.3657
YIQ	65.3150, -66.2540, 11.2980

Conversions

Conversions Part 2

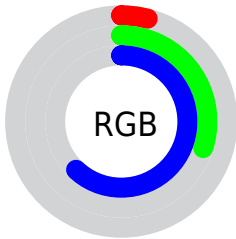
Format	Color
R_{YB}	9, 55, 158
Decimal	609438
CIE _{Lab}	33.34, 14.11, -49.77
CIE _{LCh}	33, 51.728, 285.826
Yxy	7.6956, 0.1776, 0.1541
Android (android.graphics.Color)	4278799518 (0xFF094C9E)
YUV	65.3150, 45.6937, -49.3883
Hunter-Lab	27.7409, 8.5191, -51.8931

Details

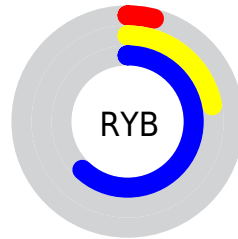
The YUV color **65.3150, 45.6937, -49.3883** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **101.6850, -45.6937, 49.3883**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.3820, 44.1817, -31.0300**, and **31.4550, 36.7507, -27.5860** is the 20% darker color. If you saturate the color by 10%, you get **59.6890, 48.4673, -52.3473**, and if you desaturate by 10%, it is **75.3820, 40.7307, -44.1850**.

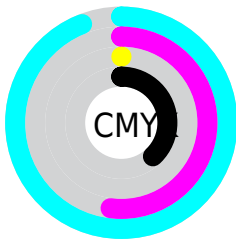
Distribution



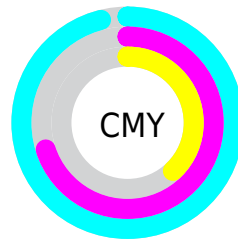
- Red (4%)
- Green (30%)
- Blue (62%)



- Red (4%)
- Yellow (22%)
- Blue (62%)



- Cyan (94%)
- Magenta (52%)
- Yellow (0%)
- Black (38%)



- Cyan (96%)
- Magenta (70%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.3150, 45.6937, -49.3883 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 65.3150, 45.6937, -49.3883 by changing the saturation by 10% instead.

■ 65.3150, 45.6937,
-49.3883

■ 65.3150, 45.6937,
-49.3883

■ 255.0000, 0.0000,
0.0000

■ 46.6320, 41.5934,
-40.8963

■ 123.3820, 44.1817,
-31.0300

■ 31.4550, 36.7507,
-27.5860

■ 150.9200, 44.9024,
-28.8708

■ 15.6910, 32.1973,
-13.7610

■ 176.3350, 38.7818,
-25.7268

■ 9.4330, 23.4505,
-8.2727

■ 201.4420, 26.4041,
-22.3126

■ 5.1640, 14.7091,
-4.5288

■ 226.5490, 14.0263,
-18.8985

■ 1.0260, 3.9312,
-0.8998

■ 249.0200, 2.9481,

■ 0.0000, 0.0000,

-12.2955

0.0000

■ 65.3150, 45.6937,
-49.3883

■ 65.3150, 45.6937,
-49.3883

■ 59.6890, 48.4673,
-52.3473

■ 75.3820, 40.7307,
-44.1850

■ 84.8620, 36.0570,
-38.4670

■ 94.6300, 31.2414,
-33.8785

■ 104.6970, 26.2784,
-28.6753

■ 114.1770, 21.6047,
-22.9572

■ 124.2440, 16.6417,
-17.7540

■ 134.3110, 11.6787,
-12.5507

■ 144.0790, 6.8631,
-7.9623

■ 153.5590, 2.1894,
-2.2442

Harmonies

Analogous

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



70.2550, 43.2583, -61.6136



65.3150, 45.6937, -49.3883



80.0700, 27.5735, 22.7406

Triad

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



65.3150, 45.6937, -49.3883



72.7780, -26.5126, 57.1997



62.2630, -2.5947, -54.6047

Complementary

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



65.3150, 45.6937, -49.3883



101.6850, -45.6937, 49.3883

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.



60.7650, -24.0411, -35.7509



65.3150, 45.6937, -49.3883



73.9910, -36.4776, 33.3339

Square

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



65.3150, 45.6937, -49.3883



69.1860, -5.0217, 70.8739



71.4450, -35.2224, 3.9947



67.7520, 15.8983, -59.4185

Rectangle

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



65.3150, 45.6937, -49.3883



76.7160, 17.8880, 49.3611



71.4450, -35.2224, 3.9947



60.0800, -8.4204, -52.6902

Sweetspot

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



65.3150, 45.6937, -49.3883



170.8740, 17.8101, -19.1835



105.8110, -7.3018, -84.9032



82.4960, 11.0945, -11.8360



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



65.3150, 45.6937, -49.3883



78.1890, 63.5038, -68.5718



28.0790, 64.0511, -10.5933



74.2600, 2.3368, -2.8590



53.8700, 43.9411, -47.2440



5.8190, 4.5262, -5.1033

Inverse Universe

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



61.1890, 7.3018, 84.9032



72.4950, 10.1090, 117.9609



138.9210, -64.0511, 10.5933



73.8480, 0.5679, 4.5183



50.0530, 6.8759, 81.5145



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 65.3150, 45.6937, -49.3883 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 ✓ Pass

Black Background



This preview shows how the YUV color 65.3150, 45.6937, -49.3883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

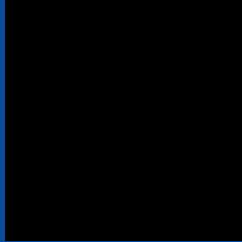
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.3150, 45.6937, -49.3883

Background



This preview shows how black text looks on a background with the YUV color 65.3150, 45.6937, -49.3883.



This preview shows how white text looks on a background with the YUV color 65.3150, 45.6937, -49.3883.

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

65.3150, 45.6937, -49.3883

Protanopia

68.9030, 43.9248, -42.0109

Deuteranopia

62.8060, 37.5636, -55.0809



Tritanopia

61.6710, 15.4452, -54.0855

Trichromacy



Original Color

65.3150, 45.6937, -49.3883

Protanomaly

67.7070, 44.5144, -44.4700

Deuteranomaly

63.9140, 40.4684, -53.4216

Tritanomaly

62.9560, 26.6437, -52.5814

Monochromacy



Original Color

65.3150, 45.6937, -49.3883

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.2440, 16.6417, -17.7540

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.3150, 45.6937, -49.3883 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(9, 76, 158)` looks like.

```
.text, #text, p{  
    color:rgb(9, 76, 158)  
}
```

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(9, 76, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 76, 158) }
```

Border

The CSS property to change the border of an element to YUV 65.3150, 45.6937, -49.3883 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(9, 76, 158) }
```


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

```
.border{ border-color:rgb(9, 76, 158) }
```

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

Here you see how a box with a 4 pixel rgb(9, 76, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 76, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 76, 158);  
box-shadow:4px 4px 4px 4px rgb(9, 76, 158)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.3150, 45.6937, -49.3883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 76, 158) }
```

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

```
.background{ background-color: rgb(9, 76,  
158) }
```

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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