

Converting Colors

YUV(64.2010, 45.2569,
-49.2883)

Have a look what the booklet for
YUV(64.2010, 45.2569, -49.2883)
contains.

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Color

**YUV(64.2010, 45.2569,
-49.2883)**

Conversions

Conversions Part 1

Format	Color
Hex	084B9C
RGB	8, 75, 156
RGB Percent	3%, 29%, 61%
CMY	0.9686, 0.7059, 0.3882
CMYK	0.95, 0.52, 0.00, 0.39
HSL	213°, 90%, 32%
HSV	213°, 95%, 61%
XYZ	8.6170, 7.4841, 32.4429
YIQ	64.2010, -65.9330, 10.9870

Conversions

Conversions Part 2

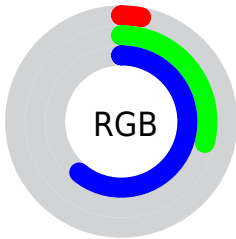
Format	Color
RYB	8, 54, 156
Decimal	543644
CIELab	32.88, 13.91, -49.30
CIELCh	33, 51.223, 285.754
Yxy	7.4841, 0.1775, 0.1542
Android (android.graphics.Color)	4278733724 (0xFF084B9C)
YUV	64.2010, 45.2569, -49.2883
Hunter-Lab	27.3570, 8.3494, -51.1625

Details

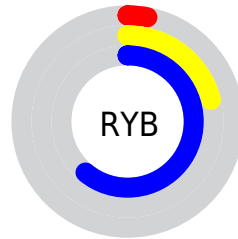
The YUV color **64.2010, 45.2569, -49.2883** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **99.7990, -45.2569, 49.2883**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.2680, 43.7449, -30.9300**, and **31.2270, 35.8771, -27.3861** is the 20% darker color. If you saturate the color by 10%, you get **59.4610, 47.5937, -52.1473**, and if you desaturate by 10%, it is **74.2680, 40.2939, -44.0850**.

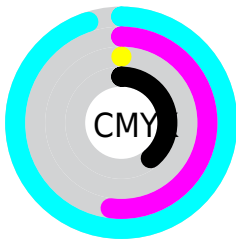
Distribution



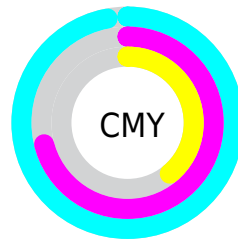
- Red (3%)
- Green (29%)
- Blue (61%)



- Red (3%)
- Yellow (21%)
- Blue (61%)



- Cyan (95%)
- Magenta (52%)
- Yellow (0%)
- Black (39%)



- Cyan (97%)
- Magenta (71%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.2010, 45.2569, -49.2883 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 64.2010, 45.2569, -49.2883 by changing the saturation by 10% instead.

■ 64.2010, 45.2569,
-49.2883

■ 64.2010, 45.2569,
-49.2883

■ 255.0000, 0.0000,
0.0000

■ 45.9310, 41.4460,
-40.2815

■ 122.2680, 43.7449,
-30.9300

■ 31.2270, 35.8771,
-27.3861

■ 149.8060, 44.4656,
-28.7709

■ 14.2890, 31.9025,
-12.5315

■ 175.4490, 39.2186,
-25.8268

■ 9.2050, 22.5769,
-8.0728

■ 199.9690, 27.1303,
-21.8978

■ 4.9360, 13.8356,
-4.3289

■ 225.6630, 14.4631,
-18.9985

■ 0.6840, 2.6208,
-0.5999

■ 248.7210, 3.0955,

■ 0.0000, 0.0000,

-12.9103

0.0000

■ 64.2010, 45.2569,
-49.2883

■ 64.2010, 45.2569,
-49.2883

■ 59.4610, 47.5937,
-52.1473

■ 74.2680, 40.2939,
-44.0850

■ 83.4490, 35.7676,
-38.9818

■ 93.5160, 30.8046,
-33.7785

■ 102.6970, 26.2784,
-28.6753

■ 112.7640, 21.3153,
-23.4720

■ 122.2440, 16.6417,
-17.7540

■ 132.0120, 11.8261,
-13.1655

■ 141.4920, 7.1524,
-7.4475

■ 151.2600, 2.3368,
-2.8590

Harmonies

Analogous

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



69.4400, 42.6741, -60.8989



64.2010, 45.2569, -49.2883



78.9560, 27.1367, 22.8406

Triad

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



64.2010, 45.2569, -49.2883



71.5930, -25.9283, 56.4849



61.5620, -2.7421, -53.9899

Complementary

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



64.2010, 45.2569, -49.2883



99.7990, -45.2569, 49.2883

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.



60.0640, -24.1886, -35.1361



64.2010, 45.2569, -49.2883



72.8060, -35.8934, 32.6191

Square

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



64.2010, 45.2569, -49.2883



68.4740, -5.1637, 69.7443



70.5590, -34.7856, 3.8948



66.9370, 15.3141, -58.7037

Rectangle

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



64.2010, 45.2569, -49.2883



75.3030, 17.5986, 48.8463



70.5590, -34.7856, 3.8948



59.3790, -8.5678, -52.0754

Sweetspot

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



64.2010, 45.2569, -49.2883



168.7600, 17.3733, -19.0835



103.8820, -8.3228, -84.0885



80.3820, 10.6577, -11.7360



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.



64.2010, 45.2569, -49.2883



77.2600, 62.4828, -67.7570



26.3670, 63.9091, -11.7229



74.2600, 2.3368, -2.8590



54.4570, 43.6517, -47.7588



5.8190, 4.5262, -5.1033

Inverse Universe

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



59.8900, 7.4492, 84.2885



71.4840, 10.1144, 116.2165



137.6330, -63.9091, 11.7229



73.8480, 0.5679, 4.5183



50.1670, 7.3127, 81.4145



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 64.2010, 45.2569, -49.2883 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 64.2010, 45.2569, -49.2883 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 64.2010, 45.2569, -49.2883

Background



This preview shows how black text looks on a background with the YUV color 64.2010, 45.2569, -49.2883.



This preview shows how white text looks on a background with the YUV color 64.2010, 45.2569, -49.2883.

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

64.2010, 45.2569, -49.2883

Protanopia

68.0880, 43.3406, -41.2962

Deuteranopia

61.9910, 36.9794, -54.3661



Tritanopia

60.8560, 14.8610, -53.3707

Trichromacy



Original Color

64.2010, 45.2569, -49.2883

Protanomaly

66.5930, 44.0777, -44.3701

Deuteranomaly

63.0990, 39.8842, -52.7068

Tritanomaly

62.1410, 26.0595, -51.8667

Monochromacy



Original Color

64.2010, 45.2569, -49.2883

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.1300, 16.2049, -17.6540

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.2010, 45.2569, -49.2883 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(8, 75, 156)` looks like.

```
.text, #text, p{  
    color:rgb(8, 75, 156)  
}
```

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(8, 75, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 75, 156) }
```

Border

The CSS property to change the border of an element to YUV 64.2010, 45.2569, -49.2883 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(8, 75, 156) }
```


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

```
.border{ border-color:rgb(8, 75, 156) }
```

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

Here you see how a box with a 4 pixel rgb(8, 75, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 75, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 75, 156);  
box-shadow:4px 4px 4px 4px rgb(8, 75, 156)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.2010, 45.2569, -49.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 75, 156) }
```

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

```
.background{ background-color: rgb(8, 75,  
156) }
```

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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