

Converting Colors

YUV(64.9700, 45.8638,
-10.4977)

Have a look what the booklet for
YUV(64.9700, 45.8638, -10.4977)
contains.

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Color

**YUV(64.9700, 45.8638,
-10.4977)**

Conversions

Conversions Part 1

Format	Color
Hex	35359E
RGB	53, 53, 158
RGB Percent	21%, 21%, 62%
CMY	0.7922, 0.7922, 0.3804
CMYK	0.66, 0.66, 0.00, 0.38
HSL	240°, 50%, 41%
HSV	240°, 66%, 62%
XYZ	8.9129, 5.7717, 32.9920
YIQ	64.9700, -33.7050, 32.6550

Conversions

Conversions Part 2

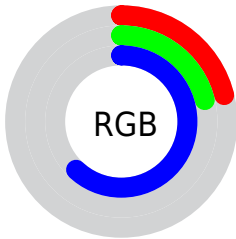
Format	Color
R_{YB}	53, 53, 158
Decimal	3487134
CIE _{Lab}	28.83, 33.93, -57.04
CIE _{LCh}	29, 66.369, 300.746
Yxy	5.7717, 0.1869, 0.1211
Android (android.graphics.Color)	4281677214 (0xFF35359E)
YUV	64.9700, 45.8638, -10.4977
Hunter-Lab	24.0244, 24.1794, -64.6043

Details

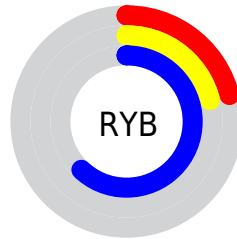
The YUV color **64.9700, 45.8638, -10.4977** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **146.0300, -45.8638, 10.4977**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.5840, 48.0261, -4.0202**, and **18.4270, 42.6805, -16.1605** is the 20% darker color. If you saturate the color by 10%, you get **50.7940, 52.8526, -12.0973**, and if you desaturate by 10%, it is **79.1460, 38.8750, -8.8980**.

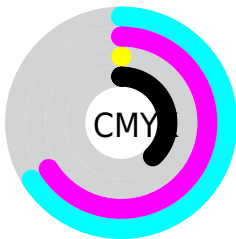
Distribution



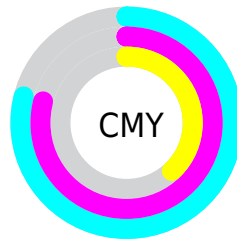
- Red (21%)
- Green (21%)
- Blue (62%)



- Red (21%)
- Yellow (21%)
- Blue (62%)



- Cyan (66%)
- Magenta (66%)
- Yellow (0%)
- Black (38%)



- Cyan (79%)
- Magenta (79%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.9700, 45.8638, -10.4977 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 64.9700, 45.8638, -10.4977 by changing the saturation by 10% instead.

■ 64.9700, 45.8638,
-10.4977

■ 64.9700, 45.8638,
-10.4977

■ 255.0000, 0.0000,
0.0000

■ 36.1210, 46.7753,
-22.9081

■ 116.5840, 48.0261,
-4.0202

■ 18.4270, 42.6805,
-16.1605

■ 143.1220, 48.7469,
-1.8610

■ 9.2340, 35.3806,
-8.0982

■ 168.5370, 42.6263,
1.2831

■ 9.3190, 23.0137,
-8.1728

■ 193.0570, 30.5379,
5.2120

■ 5.0500, 14.2723,
-4.4289

■ 218.1640, 18.1601,
8.6262

■ 0.9120, 3.4944,
-0.7998

■ 242.6730, 6.0772,

■ 0.0000, 0.0000,

10.8108

0.0000

■ 64.9700, 45.8638,
-10.4977

■ 64.9700, 45.8638,
-10.4977

■ 50.7940, 52.8526,
-12.0973

■ 79.1460, 38.8750,
-8.8980

■ 36.6180, 59.8413,
-13.6970

■ 93.3220, 31.8863,
-7.2984

■ 23.3280, 66.3933,
-15.1967

■ 106.6120, 25.3343,
-5.7987

■ 18.0120, 69.0141,
-15.7965

■ 120.7880, 18.3455,
-4.1991

■ 134.9640, 11.3567,
-2.5994

■ 149.1400, 4.3680,
-0.9998

■ 163.3160, -2.6208,
0.5999

■ 176.6060, -9.1728,
2.0995

■ 190.7820,
-16.1615, 3.6992

Harmonies

Analogous

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



63.7470, 53.8617, -55.9061



64.9700, 45.8638, -10.4977



51.5390, 33.2583, 66.1793

Triad

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



64.9700, 45.8638, -10.4977



61.1320, -30.1381, 53.3812



58.8210, 4.5252, -51.5860

Complementary

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



64.9700, 45.8638, -10.4977



146.0300, -45.8638, 10.4977

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.



50.6930, -21.5406, -44.4578



64.9700, 45.8638, -10.4977



64.1460, -31.6240, 16.5350

Square

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



64.9700, 45.8638, -10.4977



46.1190, -13.3697, 88.4726



54.4460, -26.8419, -24.0701



65.3360, 26.9494, -57.2997

Rectangle

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



64.9700, 45.8638, -10.4977



53.7570, 15.8958, 81.7741



54.4460, -26.8419, -24.0701



56.7690, -3.3371, -49.7864

Sweetspot

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



64.9700, 45.8638, -10.4977



169.7880, 18.3455, -4.1991



126.6050, 15.4777, -64.5516



81.9640, 11.3567, -2.5994



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.



64.9700, 45.8638, -10.4977



59.9240, 72.5085, -16.5963



80.8170, 38.0512, 22.0855



71.9120, 3.4944, -0.7998



16.3020, 62.4621, -14.2969



1.7100, 6.5520, -1.4997

Inverse Universe

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



96.3650, 30.3861, 54.0539



109.5580, 48.0389, 85.4566



130.4820, -38.1986, -21.4707



74.3040, 2.3151, 4.1184



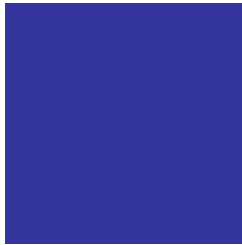
59.0590, 41.3829, 73.6163



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 64.9700, 45.8638, -10.4977 looks on a white background.

Color Contrast Check

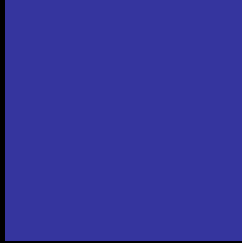
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.9700, 45.8638, -10.4977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

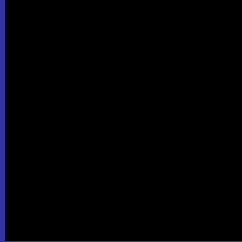
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.9700, 45.8638, -10.4977

Background



This preview shows how black text looks on a background with the YUV color 64.9700, 45.8638, -10.4977.



This preview shows how white text looks on a background with the YUV color 64.9700, 45.8638,

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

64.9700, 45.8638, -10.4977

Protanopia

54.4740, 41.1783, -47.7737

Deuteranopia

54.6560, 31.7216, -47.9333



Tritanopia

53.2590, 13.6763, -46.7081

Trichromacy



Original Color

64.9700, 45.8638, -10.4977

Protanomaly

58.0180, 42.8821, -34.2188

Deuteranomaly

58.4110, 36.7724, -34.5634

Tritanomaly

57.4360, 25.4211, -33.7084

Monochromacy



Original Color

64.9700, 45.8638, -10.4977

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.3320, 16.5983, -3.7992

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.9700, 45.8638, -10.4977 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(53, 53, 158)` looks like.

```
.text, #text, p{  
    color:rgb(53, 53, 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(53, 53, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 53, 158) }
```

Border

The CSS property to change the border of an element to YUV 64.9700, 45.8638, -10.4977 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(53, 53, 158) }
```


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

```
.border{ border-color:rgb(53, 53, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 53, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 53, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 53, 158);  
box-shadow:4px 4px 4px 4px rgb(53, 53,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 64.9700, 45.8638, -10.4977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 53, 158) }
```

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

```
.background{ background-color: rgb(53, 53,  
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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