

Converting Colors

YUV(45.7710, 4.0569, 5.4628)

Have a look what the booklet for
YUV(45.7710, 4.0569, 5.4628)
contains.

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Color

**YUV(45.7710, 4.0569,
5.4628)**

Conversions

Conversions Part 1

Format	Color
Hex	342936
RGB	52, 41, 54
RGB Percent	20%, 16%, 21%
CMY	0.7961, 0.8392, 0.7882
CMYK	0.04, 0.24, 0.00, 0.79
HSL	291°, 14%, 19%
HSV	291°, 24%, 21%
XYZ	2.8750, 2.5823, 3.8369
YIQ	45.7710, 2.3830, 6.3750

Conversions

Conversions Part 2

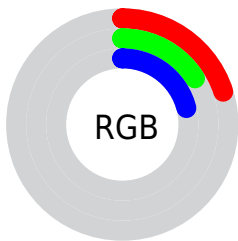
Format	Color
R_{YB}	52, 41, 54
Decimal	3418422
CIE _{Lab}	18.29, 8.00, -6.45
CIE _{LCh}	18, 10.280, 321.104
Yxy	2.5823, 0.3093, 0.2778
Android (android.graphics.Color)	4281608502 (0xFF342936)
YUV	45.7710, 4.0569, 5.4628
Hunter-Lab	16.0695, 3.8136, -2.9081

Details

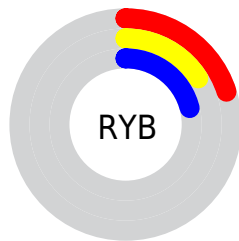
The YUV color **45.7710, 4.0569, 5.4628** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.2290, -4.0569, -5.4628**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.5970, 4.6357, 6.4924**, and **1.0260, 3.9312, -0.8998** is the 20% darker color. If you saturate the color by 10%, you get **42.5370, 5.6513, 7.4221**, and if you desaturate by 10%, it is **49.0050, 2.4625, 3.5036**.

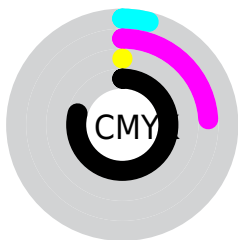
Distribution



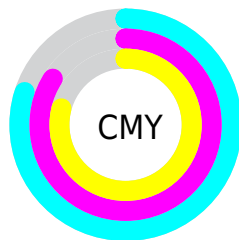
- Red (20%)
- Green (16%)
- Blue (21%)



- Red (20%)
- Yellow (16%)
- Blue (21%)



- Cyan (4%)
- Magenta (24%)
- Yellow (0%)
- Black (79%)



- Cyan (80%)
- Magenta (84%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.7710, 4.0569, 5.4628 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 45.7710, 4.0569, 5.4628 by changing the saturation by 10% instead.

■ 45.7710, 4.0569,
5.4628

■ 45.7710, 4.0569,
5.4628

■ 255.0000, 0.0000,
0.0000

■ 25.3580, 3.7675,
4.9480

■ 91.5970, 4.6357,
6.4924

■ 1.0260, 3.9312,
-0.8998

■ 116.5970, 4.6357,
6.4924

■ 0.0000, 0.0000,
0.0000

■ 141.5970, 4.6357,
6.4924

■ 168.0100, 4.9251,
7.0072

■ 195.1240, 5.3619,
6.9073

■ 223.4230, 5.2145,

7.5220

249.1300, 2.8939,
5.1480

45.7710, 4.0569,
5.4628

45.7710, 4.0569,
5.4628

42.5370, 5.6513,
7.4221

49.0050, 2.4625,
3.5036

38.7160, 7.5350,
9.8961

52.8260, 0.5788,
1.0296

35.7810, 8.9820,
12.4701

55.7610, -0.8682,
-1.5444

31.9600, 10.8657,
14.9441

59.5820, -2.7519,
-4.0184

28.7260, 12.4601,
16.9033

62.8160, -4.3463,
-5.9776

■ 25.4920, 14.0544,
18.8625

■ 66.0500, -5.9406,
-7.9368

■ 21.6710, 15.9382,
21.3365

■ 69.8710, -7.8244,
-10.4109

■ 19.9100, 16.8064,
22.8809

■ 73.1050, -9.4188,
-12.3701

■ 76.6270, -11.1551,
-15.4589

Harmonies

Analogous

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



44.7100, 6.5520, -1.4997



45.7710, 4.0569, 5.4628



45.5930, 0.6937, 10.8809

Triad

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



45.7710, 4.0569, 5.4628



44.2090, -7.0050, 6.8327



41.3400, 4.2694, -16.0842

Complementary

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



45.7710, 4.0569, 5.4628



49.2290, -4.0569, -5.4628

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.



41.9230, 0.0380, -12.2105



45.7710, 4.0569, 5.4628



43.9910, -6.4046, 0.8849

Square

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



45.7710, 4.0569, 5.4628



45.1710, -6.0003, 11.2510



42.9300, -3.9095, -6.0776



41.7360, 7.0322, -15.5545

Rectangle

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



45.7710, 4.0569, 5.4628



45.6210, -1.7852, 12.6104



42.9300, -3.9095, -6.0776



41.2970, 2.8116, -15.1695

Sweetspot

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



45.7710, 4.0569, 5.4628



68.0650, 1.4470, 2.5740



43.6560, 5.0996, -2.3293



33.9400, 1.0156, 0.9296



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



45.7710, 4.0569, 5.4628



58.3630, 6.2300, 8.4516



45.9130, 2.0149, 7.0923



26.2390, 0.8682, 1.5444



33.8100, 28.6877, 38.7546



80.5800, 68.2411, 92.4533

Inverse Universe

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



45.1150, -1.0427, 7.7921



57.3220, -1.6377, 11.9956



49.0870, -2.0149, -7.0923



26.0110, -0.0054, 1.7444



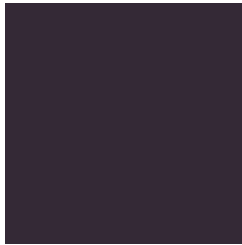
29.1040, -7.4463, 55.1598



69.3570, -17.4310, 131.2369

Previews

White Background



This preview shows how the YUV color 45.7710, 4.0569, 5.4628 looks on a white background.

Color Contrast Check

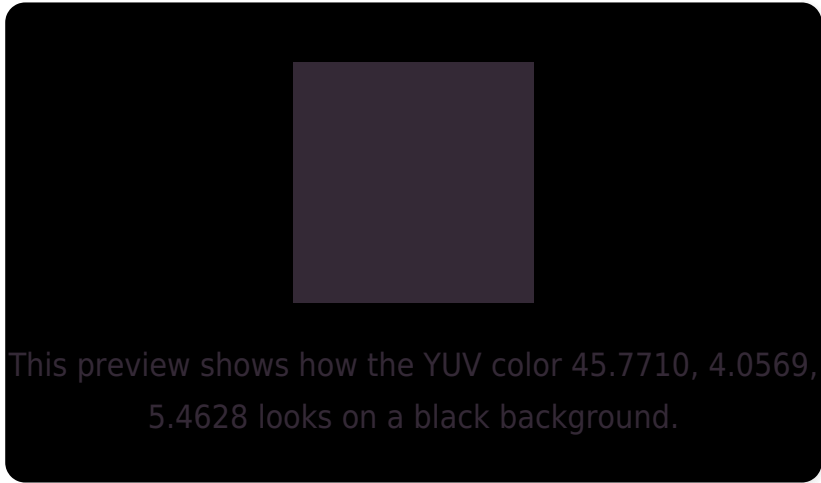
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

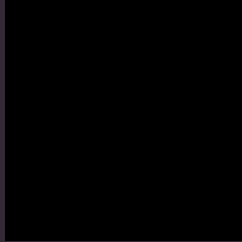
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.7710, 4.0569, 5.4628

Background



This preview shows how black text looks on a background with the YUV color 45.7710, 4.0569, 5.4628.



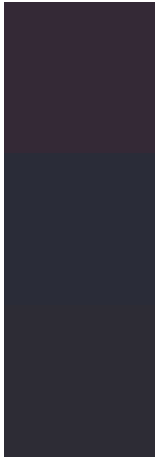
This preview shows how white text looks on a background with the YUV color 45.7710, 4.0569,

5.4628.

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

45.7710, 4.0569, 5.4628

Protanopia

44.7700, 5.5364, -2.4293

Deuteranopia

45.3250, 3.7838, -0.2850



Tritanopia

45.7340, 0.1311, 4.6183

Trichromacy



Original Color

45.7710, 4.0569, 5.4628

Protanomaly

45.2650, 4.7994, 0.6446

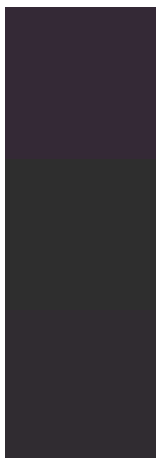
Deuteranomaly

45.6350, 3.6309, 2.0741

Tritanomaly

45.4890, 1.7309, 4.8331

Monochromacy



Original Color

45.7710, 4.0569, 5.4628

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.7660, 1.5944, 1.9592

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.7710, 4.0569, 5.4628 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(52, 41, 54)` looks like.

```
.text, #text, p{  
    color:rgb(52, 41, 54)  
}
```

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(52, 41, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 41, 54) }
```

Border

The CSS property to change the border of an element to YUV 45.7710, 4.0569, 5.4628 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(52, 41, 54) }
```


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

```
.border{ border-color:rgb(52, 41, 54) }
```

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

Here you see how a box with a 4 pixel rgb(52, 41, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 41, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 41, 54);  
box-shadow:4px 4px 4px 4px rgb(52, 41, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.7710, 4.0569, 5.4628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 41, 54) }
```

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

```
.background{ background-color: rgb(52, 41,  
54) }
```

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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