

Converting Colors

YUV(45.3200, 4.7722, 9.3664)

Have a look what the booklet for
YUV(45.3200, 4.7722, 9.3664)
contains.

YUV(45.3200, 4.7722, 9.3664)	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(45.3200, 4.7722,
9.3664)**

Conversions

Conversions Part 1

Format	Color
Hex	382637
RGB	56, 38, 55
RGB Percent	22%, 15%, 22%
CMY	0.7804, 0.8510, 0.7843
CMYK	0.00, 0.32, 0.02, 0.78
HSL	303°, 19%, 18%
HSV	303°, 32%, 22%
XYZ	3.0136, 2.5028, 3.9387
YIQ	45.3200, 5.2710, 9.1030

Conversions

Conversions Part 2

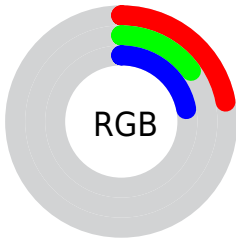
Format	Color
R_{YB}	56, 38, 55
Decimal	3679799
CIE _{Lab}	17.93, 12.00, -7.64
CIE _{LCh}	18, 14.225, 327.503
Yxy	2.5028, 0.3187, 0.2647
Android (android.graphics.Color)	4281869879 (0xFF382637)
YUV	45.3200, 4.7722, 9.3664
Hunter-Lab	15.8203, 6.3168, -3.6869




Details

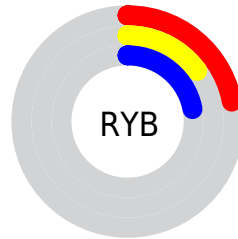
The YUV color **45.3200, 4.7722, 9.3664** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.6800, -4.7722, -9.3664**, and the grayscale version is **45.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **91.1460, 5.3510, 10.3960**, and **2.0370, 3.9258, 0.8446** is the 20% darker color. If you saturate the color by 10%, you get **41.7980, 6.5086, 12.4552**, and if you desaturate by 10%, it is **48.8420, 3.0359, 6.2776**.

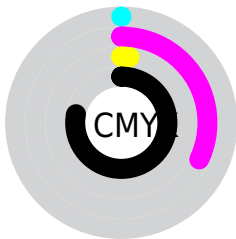
Distribution







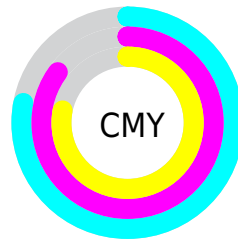
-  Red (22%)
-  Green (15%)
-  Blue (22%)






-  Red (22%)
-  Yellow (15%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (32%)
-  Yellow (2%)
-  Black (78%)



-  Cyan (78%)
-  Magenta (85%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.3200, 4.7722, 9.3664 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 45.3200, 4.7722, 9.3664 by changing the saturation by 10% instead.

■ 45.3200, 4.7722,
9.3664

■ 45.3200, 4.7722,
9.3664

■ 255.0000, 0.0000,
0.0000

■ 24.6080, 4.6303,
8.2368

■ 91.1460, 5.3510,
10.3960

■ 2.0370, 3.9258,
0.8446

■ 115.5590, 5.6404,
10.9108

■ 0.0000, 0.0000,
0.0000

■ 141.8580, 5.4930,
11.5255

■ 167.8580, 5.4930,
11.5255

■ 195.2710, 5.7824,
12.0403

■ 223.2710, 5.7824,

12.0403

247.3690, 3.7621,
6.6924

45.3200, 4.7722,
9.3664

45.3200, 4.7722,
9.3664

41.7980, 6.5086,
12.4552

48.8420, 3.0359,
6.2776

38.7490, 7.5187,
15.1291

51.8910, 2.0257,
3.6036

35.2270, 9.2551,
18.2179

55.4130, 0.2894,
0.5148

32.2920, 10.7020,
20.7919

58.3480, -1.1576,
-2.0592

28.6560, 12.0016,
23.9807

61.9840, -2.4571,
-5.2480

■ 25.1340, 13.7379,
27.0695

■ 65.5060, -4.1935,
-8.3368

■ 22.7860, 14.8955,
29.1287

■ 68.4410, -5.6404,
-10.9108

■ 71.9630, -7.3768,
-13.9996

■ 75.0120, -8.3869,
-16.6735

Harmonies

Analogous

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



44.8780, 8.4411, -0.7700



45.3200, 4.7722, 9.3664



45.0990, -0.0488, 15.6992

Triad

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



45.3200, 4.7722, 9.3664



43.1120, -9.9152, 6.9178



36.3000, 8.2331, -27.4501

Complementary

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



45.3200, 4.7722, 9.3664



48.6800, -4.7722, -9.3664

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.



38.4490, 2.2436, -19.6878



45.3200, 4.7722, 9.3664



42.1110, -8.4357, -0.9743

Square

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



45.3200, 4.7722, 9.3664



43.9110, -8.3371, 14.1101



40.6090, -3.7512, -10.1811



38.4190, 11.1324, -24.0465

Rectangle

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



45.3200, 4.7722, 9.3664



44.6000, -3.2538, 17.0138



40.6090, -3.7512, -10.1811



36.8550, 6.4805, -25.3058

Sweetspot

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



45.3200, 4.7722, 9.3664



69.8910, 2.0257, 3.6036



40.3510, 7.7150, -1.1848



35.6520, 1.1576, 2.0592



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



45.3200, 4.7722, 9.3664



56.7490, 7.5187, 15.1291



44.2940, 0.8411, 10.2662



26.2390, 0.8682, 1.5444



37.4260, 24.4400, 47.8614



89.0790, 58.1351, 113.9407

Inverse Universe

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



45.3200, 4.7722, 9.3664



56.7490, 7.5187, 15.1291



49.7060, -0.8411, -10.2662



26.2390, 0.8682, 1.5444



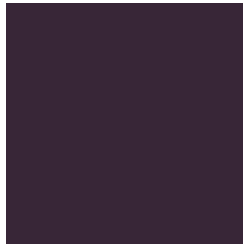
37.4260, 24.4400, 47.8614



89.0790, 58.1351, 113.9407

Previews

White Background



This preview shows how the YUV color 45.3200, 4.7722, 9.3664 looks on a white background.

Color Contrast Check

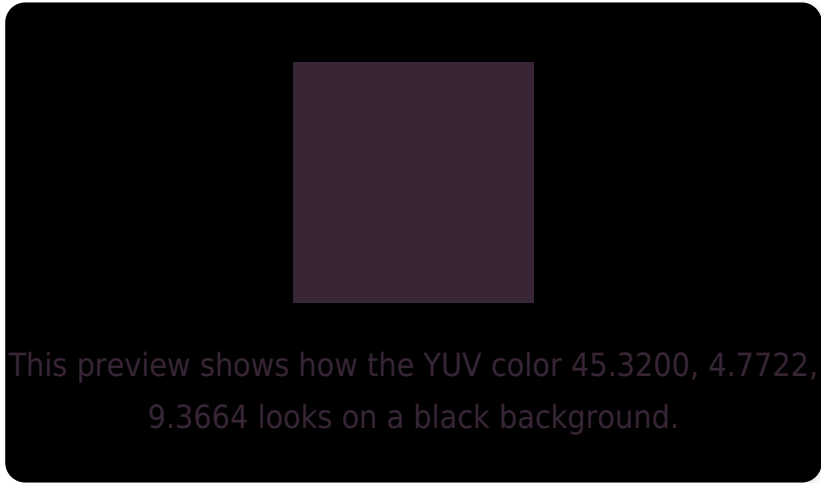
Large Text (above 18pt) WCAG AA ✓ Pass

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

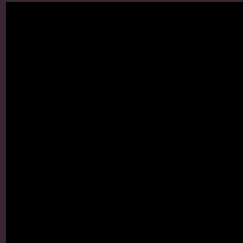
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.3200, 4.7722, 9.3664

Background



This preview shows how black text looks on a background with the YUV color 45.3200, 4.7722, 9.3664.



This preview shows how white text looks on a background with the YUV color 45.3200, 4.7722,

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

45.3200, 4.7722, 9.3664

Protanopia

44.5140, 7.1416, -3.9588

Deuteranopia

44.2540, 4.8048, -1.0998



Tritanopia

44.5280, -0.7533, 8.3069

Trichromacy



Original Color

45.3200, 4.7722, 9.3664

Protanomaly

45.0200, 6.3991, 0.8595

Deuteranomaly

44.5750, 4.6465, 3.0037

Tritanomaly

44.6960, 1.1359, 9.0366

Monochromacy



Original Color

45.3200, 4.7722, 9.3664

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

44.8910, 2.0257, 3.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.3200, 4.7722, 9.3664 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(56, 38, 55)` looks like.

```
.text, #text, p{  
    color:rgb(56, 38, 55)  
}
```

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(56, 38, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 38, 55) }
```

Border

The CSS property to change the border of an element to YUV 45.3200, 4.7722, 9.3664 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(56, 38, 55) }
```


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

```
.border{ border-color:rgb(56, 38, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 38, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 38, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 38, 55);  
box-shadow:4px 4px 4px 4px rgb(56, 38, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.3200, 4.7722, 9.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 38, 55) }
```

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

```
.background{ background-color: rgb(56, 38,  
55) }
```

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