

Converting Colors

YUV(45.2550, 3.3253, 6.7924)

Have a look what the booklet for
YUV(45.2550, 3.3253, 6.7924)
contains.

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Color

**YUV(45.2550, 3.3253,
6.7924)**

Conversions

Conversions Part 1

Format	Color
Hex	352834
RGB	53, 40, 52
RGB Percent	21%, 16%, 20%
CMY	0.7922, 0.8431, 0.7961
CMYK	0.00, 0.25, 0.02, 0.79
HSL	305°, 14%, 18%
HSV	305°, 25%, 21%
XYZ	2.8468, 2.5224, 3.5856
YIQ	45.2550, 3.8960, 6.4880

Conversions

Conversions Part 2

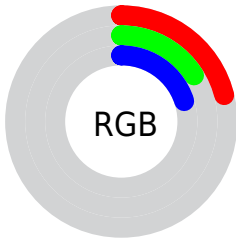
Format	Color
R_{YB}	53, 40, 52
Decimal	3483700
CIE _{Lab}	18.02, 8.64, -5.45
CIE _{LCh}	18, 10.218, 327.756
Yxy	2.5224, 0.3179, 0.2817
Android (android.graphics.Color)	4281673780 (0xFF352834)
YUV	45.2550, 3.3253, 6.7924
Hunter-Lab	15.8821, 4.2021, -2.2683

Details

The YUV color **45.2550, 3.3253, 6.7924** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **47.7450, -3.3253, -6.7924**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.9670, 3.4673, 7.9219**, and **0.5700, 2.1840, -0.4999** is the 20% darker color. If you saturate the color by 10%, you get **42.3200, 4.7722, 9.3664**, and if you desaturate by 10%, it is **48.1900, 1.8783, 4.2184**.

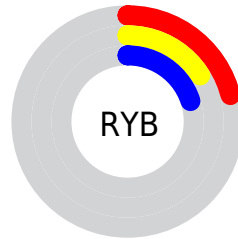
Distribution



Red (21%)

Green (16%)

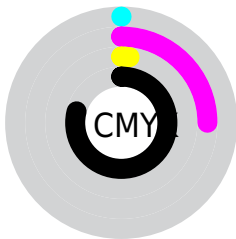
Blue (20%)



Red (21%)

Yellow (16%)

Blue (20%)

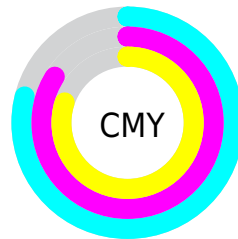


Cyan (0%)

Magenta (25%)

Yellow (2%)

Black (79%)



Cyan (79%)

Magenta (84%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.2550, 3.3253, 6.7924 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 45.2550, 3.3253, 6.7924 by changing the saturation by 10% instead.

■ 45.2550, 3.3253,
6.7924

■ 45.2550, 3.3253,
6.7924

■ 255.0000, 0.0000,
0.0000

■ 24.8420, 3.0359,
6.2776

■ 90.9670, 3.4673,
7.9219

■ 0.5700, 2.1840,
-0.4999

■ 115.3800, 3.7567,
8.4367

■ 0.0000, 0.0000,
0.0000

■ 141.3800, 3.7567,
8.4367

■ 167.4940, 4.1935,
8.3368

■ 194.7930, 4.0461,
8.9515

■ 222.7930, 4.0461,

8.9515

248.5430, 3.1833,
5.6628

45.2550, 3.3253,
6.7924

45.2550, 3.3253,
6.7924

42.3200, 4.7722,
9.3664

48.1900, 1.8783,
4.2184

38.6840, 6.0718,
12.5551

51.8260, 0.5788,
1.0296

35.7490, 7.5187,
15.1291

54.7610, -0.8682,
-1.5444

32.7000, 8.5289,
17.8031

57.8100, -1.8783,
-4.2184

29.1780, 10.2652,
20.8919

60.7450, -3.3253,
-6.7924

■ 26.2430, 11.7122,
23.4659

■ 64.2670, -5.0616,
-9.8812

■ 23.1940, 12.7224,
26.1399

■ 67.3160, -6.0718,
-12.5551

■ 21.4330, 13.5905,
27.6843

■ 70.2510, -7.5187,
-15.1291

■ 73.8870, -8.8183,
-18.3179

Harmonies

Analogous

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



44.3080, 6.2572, -0.2701



45.2550, 3.3253, 6.7924



45.3650, -0.1799, 11.0809

Triad

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



45.2550, 3.3253, 6.7924



43.4970, -7.1470, 5.7031



40.5680, 5.1430, -16.2841

Complementary

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



45.2550, 3.3253, 6.7924



47.7450, -3.3253, -6.7924

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.



40.8520, 1.0590, -13.0252



45.2550, 3.3253, 6.7924



43.0940, -5.9623, -0.9594

Square

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



45.2550, 3.3253, 6.7924



44.4590, -6.1423, 10.1215



41.8590, -2.8885, -6.8923



41.4480, 7.1741, -14.4249

Rectangle

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



45.2550, 3.3253, 6.7924



45.0940, -2.5113, 12.1956



41.8590, -2.8885, -6.8923



40.5250, 3.6852, -15.3694

Sweetspot

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



45.2550, 3.3253, 6.7924



65.9510, 1.0102, 2.6740



41.7810, 5.5310, -0.6849



34.1250, 0.4314, 1.6444



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.



45.2550, 3.3253, 6.7924



57.0320, 4.9142, 10.4959



44.5710, 0.7045, 7.3922



24.1250, 0.4314, 1.6444



35.9590, 22.6982, 46.5170



87.6830, 55.3723, 113.4110

Inverse Universe

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



45.2550, 3.3253, 6.7924



57.0320, 4.9142, 10.4959



48.4290, -0.7045, -7.3922



24.1250, 0.4314, 1.6444



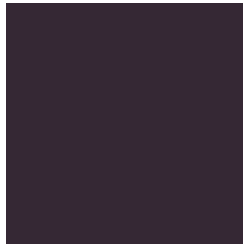
35.9590, 22.6982, 46.5170



87.6830, 55.3723, 113.4110

Previews

White Background



This preview shows how the YUV color 45.2550, 3.3253, 6.7924 looks on a white background.

Color Contrast Check

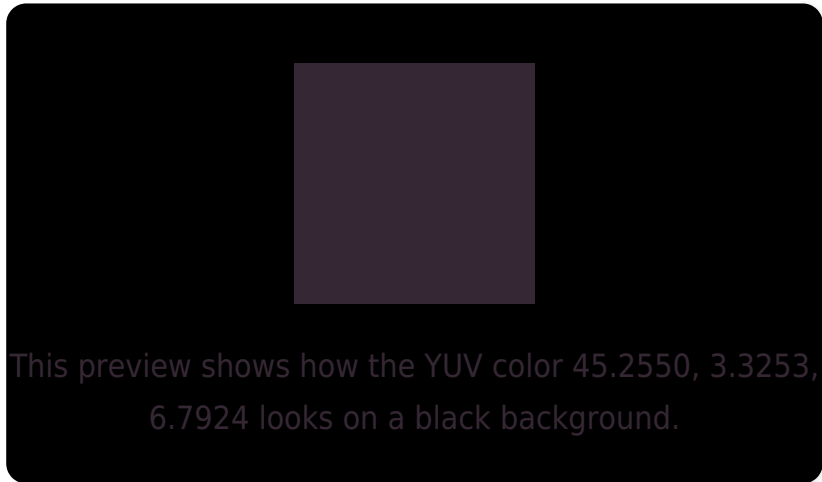
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.2550, 3.3253, 6.7924

Background



This preview shows how black text looks on a background with the YUV color 45.2550, 3.3253, 6.7924.



This preview shows how white text looks on a background with the YUV color 45.2550, 3.3253,

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

45.2550, 3.3253, 6.7924

Protanopia

44.6560, 5.0996, -2.3293

Deuteranopia

44.5100, 3.1996, 0.4297



Tritanopia

44.7450, 0.1257, 6.3626

Trichromacy



Original Color

45.2550, 3.3253, 6.7924

Protanomaly

45.1510, 4.3626, 0.7446

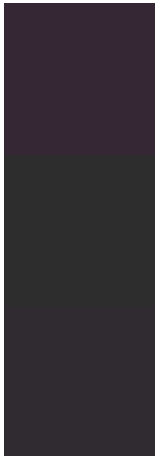
Deuteranomaly

44.8200, 3.0467, 2.7889

Tritanomaly

45.0870, 1.4361, 6.0627

Monochromacy



Original Color

45.2550, 3.3253, 6.7924

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.0650, 1.4470, 2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.2550, 3.3253, 6.7924 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, 40, 52)` looks like.

```
.text, #text, p{  
    color:rgb(53, 40, 52)  
}
```

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, 40, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 40, 52) }
```

Border

The CSS property to change the border of an element to YUV 45.2550, 3.3253, 6.7924 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, 40, 52) }
```


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

```
.border{ border-color:rgb(53, 40, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 40, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 40, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 40, 52);  
box-shadow:4px 4px 4px 4px rgb(53, 40, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.2550, 3.3253, 6.7924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 40, 52) }
```

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

```
.background{ background-color: rgb(53, 40,  
52) }
```

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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