

Converting Colors

YUV(45.3950, -5.6177, 28.5946)

Have a look what the booklet for
YUV(45.3950, -5.6177, 28.5946)
contains.

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Color

**YUV(45.3950, -5.6177,
28.5946)**

Conversions

Conversions Part 1

Format	Color
Hex	4E1F22
RGB	78, 31, 34
RGB Percent	31%, 12%, 13%
CMY	0.6941, 0.8784, 0.8667
CMYK	0.00, 0.60, 0.56, 0.69
HSL	356°, 43%, 21%
HSV	356°, 60%, 31%
XYZ	3.9206, 2.7152, 1.8308
YIQ	45.3950, 27.0490, 10.8970

Conversions

Conversions Part 2

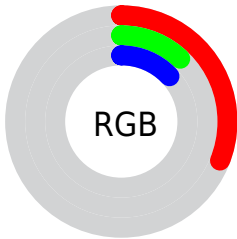
Format	Color
RYB	78, 31, 34
Decimal	5119778
CIELab	18.87, 22.48, 8.87
CIElCh	19, 24.167, 21.543
Yxy	2.7152, 0.4631, 0.3207
Android (android.graphics.Color)	4283309858 (0xFF4E1F22)
YUV	45.3950, -5.6177, 28.5946
Hunter-Lab	16.4778, 13.6350, 4.9468

Details

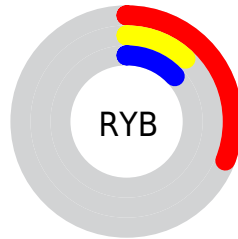
The YUV color **45.3950, -5.6177, 28.5946** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **63.6050, 5.6177, -28.5946**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.9610, -7.3758, 32.4832**, and **9.3830, -4.1328, 18.9581** is the 20% darker color. If you saturate the color by 10%, you get **39.9010, -6.3602, 33.4128**, and if you desaturate by 10%, it is **50.8890, -4.8753, 23.7763**.

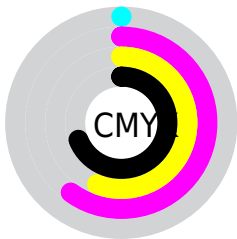
Distribution



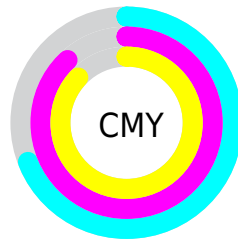
- Red (31%)
- Green (12%)
- Blue (13%)



- Red (31%)
- Yellow (12%)
- Blue (13%)



- Cyan (0%)
- Magenta (60%)
- Yellow (56%)
- Black (69%)



- Cyan (69%)
- Magenta (88%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.3950, -5.6177, 28.5946 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 45.3950, -5.6177, 28.5946 by changing the saturation by 10% instead.

■ 45.3950, -5.6177,
28.5946

■ 45.3950, -5.6177,
28.5946

255.0000, 0.0000,
0.0000

■ 22.7970, -5.3229,
27.3650

■ 92.9610, -7.3758,
32.4832

■ 9.3830, -4.1328,
18.9581

■ 117.8580, -7.8180,
34.3275

■ 0.0000, 0.0000,
0.0000

■ 144.3420, -8.5496,
35.6571

■ 170.9400, -8.8444,
36.8866

■ 198.5380, -9.1392,
38.1162

■ 221.9390, -7.3649,

28.9945

241.5670, -3.2375,
11.7807

45.3950, -5.6177,
28.5946

45.3950, -5.6177,
28.5946

39.9010, -6.3602,
33.4128

50.8890, -4.8753,
23.7763

34.2930, -7.5394,
38.3310

56.4970, -3.6960,
18.8581

29.3860, -8.5713,
42.6345

61.4040, -2.6642,
14.5547

23.8920, -9.3138,
47.4527

66.8980, -1.9217,
9.7365

72.5060, -0.7425,
4.8182

■ 78.0000, 0.0000,
0.0000

■ 83.4940, 0.7425,
-4.8182

■ 88.4010, 1.7743,
-9.1217

■ 94.0090, 2.9536,
-14.0399

Harmonies

Analogous

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



46.5500, 2.6869, 24.9507



45.3950, -5.6177, 28.5946



44.8260, -12.7322, 23.8316

Triad

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



45.3950, -5.6177, 28.5946



39.7240, -8.2449, -15.5439



37.8830, 20.7637, -33.2234

Complementary

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



45.3950, -5.6177, 28.5946



63.6050, 5.6177, -28.5946

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.



39.4330, 16.5485, -34.5827



45.3950, -5.6177, 28.5946



36.2580, 1.8448, -31.7983

Square

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



45.3950, -5.6177, 28.5946



42.7600, -16.1507, 0.2105



38.3100, 9.7072, -33.5979



45.6090, 16.4618, -6.6731

Rectangle

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



45.3950, -5.6177, 28.5946



44.4570, -16.4943, 17.1392



38.3100, 9.7072, -33.5979



38.9430, 19.7481, -34.1530

Sweetspot

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



45.3950, -5.6177, 28.5946



89.4960, -2.2165, 10.9660



49.5140, 14.0436, 22.3512



43.2890, -1.6215, 6.7625



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



45.3950, -5.6177, 28.5946



51.2830, -9.0135, 44.4788



56.7930, -12.7159, 18.5985



35.3100, -0.1528, 2.3591



31.2960, -11.9779, 62.0074



70.4800, -27.3516, 139.8990

Inverse Universe

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



45.3950, -5.6177, 28.5946



51.2830, -9.0135, 44.4788



52.2070, 12.7159, -18.5985



35.3100, -0.1528, 2.3591



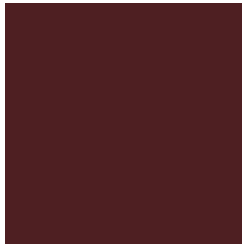
31.2960, -11.9779, 62.0074



70.4800, -27.3516, 139.8990

Previews

White Background



This preview shows how the YUV color 45.3950, -5.6177, 28.5946 looks on a white background.

Color Contrast Check

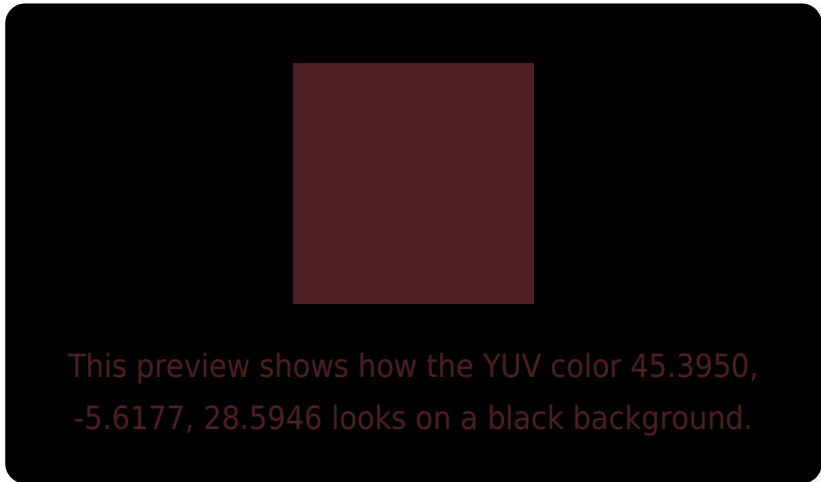
Large Text (above 18pt) WCAG AA ✓ Pass

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

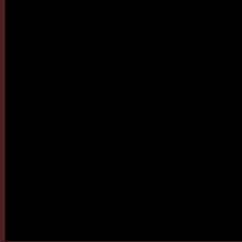
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.3950, -5.6177, 28.5946

Background



This preview shows how black text looks on a background with the YUV color 45.3950, -5.6177, 28.5946.



This preview shows how white text looks on a background with the YUV color 45.3950, -5.6177,

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

45.3950, -5.6177, 28.5946

Protanopia

46.9140, -2.9156, 1.8294

Deuteranopia

46.8070, -7.2999, 8.0623



Tritanopia

45.2810, -6.0545, 28.6946

Trichromacy



Original Color

45.3950, -5.6177, 28.5946

Protanomaly

46.3390, -4.1111, 11.9807

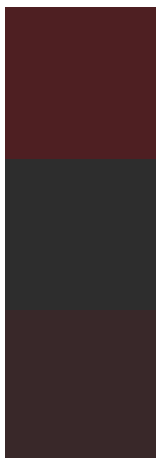
Deuteranomaly

46.3780, -6.5954, 15.4545

Tritanomaly

45.2810, -6.0545, 28.6946

Monochromacy



Original Color

45.3950, -5.6177, 28.5946

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.1970, -2.0691, 10.3512

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.3950, -5.6177, 28.5946 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(78, 31, 34)` looks like.

```
.text, #text, p{  
    color:rgb(78, 31, 34)  
}
```

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(78, 31, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 31, 34) }
```

Border

The CSS property to change the border of an element to YUV 45.3950, -5.6177, 28.5946 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(78, 31, 34) }
```


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

```
.border{ border-color:rgb(78, 31, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 31, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 31, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 31, 34);  
box-shadow:4px 4px 4px 4px rgb(78, 31, 34)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.3950, -5.6177, 28.5946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 31, 34) }
```

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

```
.background{ background-color: rgb(78, 31,  
34) }
```

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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