

Converting Colors

YUV(58.5150, 9.1131, 17.0883)

Have a look what the booklet for
YUV(58.5150, 9.1131, 17.0883)
contains.

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Color

**YUV(58.5150, 9.1131,
17.0883)**

Conversions

Conversions Part 1

Format	Color
Hex	4E2D4D
RGB	78, 45, 77
RGB Percent	31%, 18%, 30%
CMY	0.6941, 0.8235, 0.6980
CMYK	0.00, 0.42, 0.01, 0.69
HSL	302°, 27%, 24%
HSV	302°, 42%, 31%
XYZ	5.4198, 4.0323, 7.5138
YIQ	58.5150, 9.3960, 16.9480

Conversions

Conversions Part 2

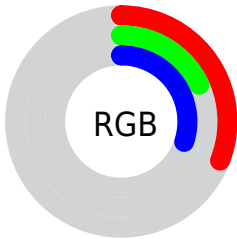
Format	Color
R_{YB}	78, 45, 77
Decimal	5123405
CIE Lab	23.78, 20.99, -13.45
CIE LCh	24, 24.934, 327.350
Yxy	4.0323, 0.3195, 0.2377
Android (android.graphics.Color)	4283313485 (0xFF4E2D4D)
YUV	58.5150, 9.1131, 17.0883
Hunter-Lab	20.0806, 13.0368, -8.1290




Details

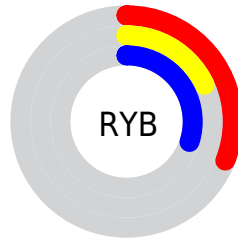
The YUV color **58.5150, 9.1131, 17.0883** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **64.4850, -9.1131, -17.0883**, and the grayscale version is **58.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **106.6400, 9.5445, 18.7327**, and **13.9280, 9.4025, 17.6031** is the 20% darker color. If you saturate the color by 10%, you get **53.8190, 11.4282, 21.2067**, and if you desaturate by 10%, it is **63.2110, 6.7980, 12.9700**.

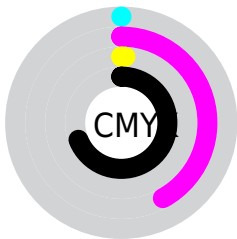
Distribution







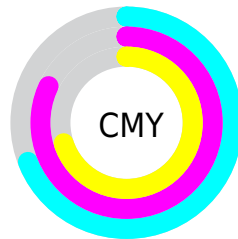
-  Red (31%)
-  Green (18%)
-  Blue (30%)






-  Red (31%)
-  Yellow (18%)
-  Blue (30%)



-  Cyan (0%)
-  Magenta (42%)
-  Yellow (1%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (82%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.5150, 9.1131, 17.0883 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 58.5150, 9.1131, 17.0883 by changing the saturation by 10% instead.

■ 58.5150, 9.1131,
17.0883

■ 58.5150, 9.1131,
17.0883

■ 255.0000, 0.0000,
0.0000

■ 36.1020, 8.8237,
16.5735

■ 106.6400, 9.5445,
18.7327

■ 13.9280, 9.4025,
17.6031

■ 132.0530, 9.8339,
19.2475

■ 0.7980, 3.0576,
-0.6998

■ 157.8790, 10.4127,
20.2771

■ 0.0000, 0.0000,
0.0000

■ 185.1780, 10.2652,
20.8919

■ 212.7050, 10.9914,
21.3067

■ 236.8030, 8.9711,

15.9588

253.8260, 0.5788,
1.0296

■ 58.5150, 9.1131,
17.0883

■ 58.5150, 9.1131,
17.0883

■ 53.8190, 11.4282,
21.2067

■ 63.2110, 6.7980,
12.9700

■ 49.1230, 13.7434,
25.3251

■ 67.9070, 4.4828,
8.8516

■ 44.9000, 15.3323,
29.0287

■ 72.1300, 2.8939,
5.1480

■ 40.2040, 17.6474,
33.1471

■ 76.8260, 0.5788,
1.0296

■ 35.5080, 19.9626,
37.2655

■ 81.5220, -1.7363,
-3.0888

■ 31.9860, 21.6989,
40.3543

■ 86.2180, -4.0515,
-7.2072

■ 91.0280, -5.9298,
-11.4256

■ 95.1370, -7.9555,
-15.0291

■ 99.8330, -10.2707,
-19.1475

Harmonies

Analogous

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



57.2290, 16.1561, -1.9548



58.5150, 9.1131, 17.0883



57.7030, 0.6394, 28.3245

Triad

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



58.5150, 9.1131, 17.0883



54.9680, -18.2252, 12.3061



47.0640, 12.7864, -41.2751

Complementary

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



58.5150, 9.1131, 17.0883



64.4850, -9.1131, -17.0883

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.



44.8980, 4.4873, -39.3755



58.5150, 9.1131, 17.0883



53.2650, -15.4136, -2.8634

Square

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



58.5150, 9.1131, 17.0883



55.8430, -15.2056, 23.8167



49.4460, -6.6289, -20.5621



47.6000, 19.9172, -41.7452

Rectangle

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



58.5150, 9.1131, 17.0883



56.8190, -5.3338, 30.8537



49.4460, -6.6289, -20.5621



46.3800, 10.1657, -40.6753

Sweetspot

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



58.5150, 9.1131, 17.0883



94.3690, 3.7621, 6.6924



49.0610, 14.2669, -2.6845



46.3040, 2.3151, 4.1184



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.



58.5150, 9.1131, 17.0883



71.2480, 14.1747, 26.9695



56.6910, 2.1243, 18.6880



35.6520, 1.1576, 2.0592



41.7840, 28.2075, 52.8094



94.1920, 63.5023, 119.1036

Inverse Universe

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



58.5150, 9.1131, 17.0883



71.2480, 14.1747, 26.9695



66.3090, -2.1243, -18.6880



35.6520, 1.1576, 2.0592



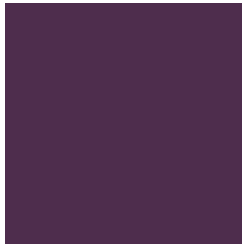
41.7840, 28.2075, 52.8094



94.1920, 63.5023, 119.1036

Previews

White Background



This preview shows how the YUV color 58.5150, 9.1131, 17.0883 looks on a white background.

Color Contrast Check

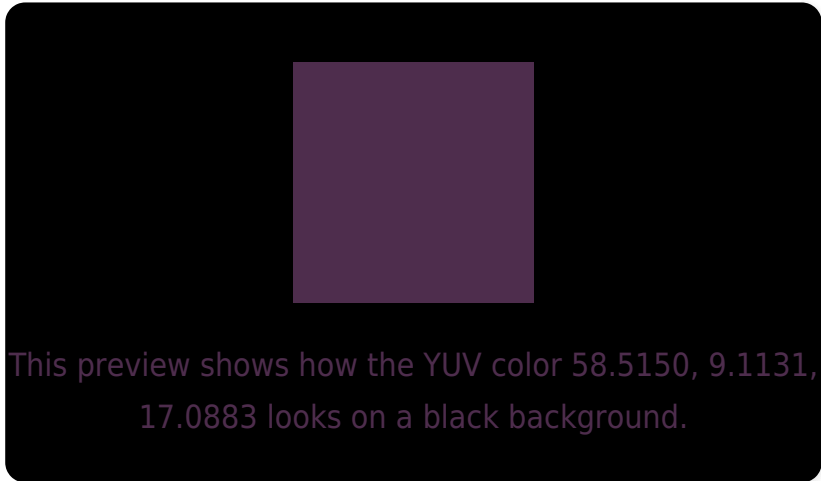
Large Text (above 18pt) WCAG AA ✓ Pass

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

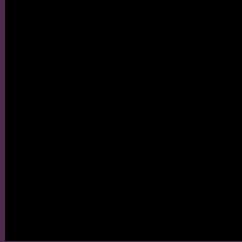
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.5150, 9.1131, 17.0883

Background



This preview shows how black text looks on a background with the YUV color 58.5150, 9.1131, 17.0883.



This preview shows how white text looks on a background with the YUV color 58.5150, 9.1131, 17.0883.

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

58.5150, 9.1131, 17.0883

Protanopia

56.7290, 14.4306, -8.5323

Deuteranopia

57.2690, 8.7414, -3.7439



Tritanopia

57.9310, -1.9380, 14.9695

Trichromacy



Original Color

58.5150, 9.1131, 17.0883

Protanomaly

57.3280, 12.6563, 0.5893

Deuteranomaly

57.7260, 9.0091, 3.7483

Tritanomaly

57.9680, 1.9878, 15.8141

Monochromacy



Original Color

58.5150, 9.1131, 17.0883

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.9560, 3.4727, 6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.5150, 9.1131, 17.0883 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, 45, 77)` looks like.

```
.text, #text, p{  
    color:rgb(78, 45, 77)  
}
```

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, 45, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 45, 77) }
```

Border

The CSS property to change the border of an element to YUV 58.5150, 9.1131, 17.0883 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, 45, 77) }
```


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

```
.border{ border-color:rgb(78, 45, 77) }
```

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

Here you see how a box with a 4 pixel rgb(78, 45, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 45, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 45, 77);  
box-shadow:4px 4px 4px 4px rgb(78, 45, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.5150, 9.1131, 17.0883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 45, 77) }
```

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

```
.background{ background-color: rgb(78, 45,  
77) }
```

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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