

Converting Colors

YUV(27.5280, -10.6133,
44.2639)

Have a look what the booklet for
YUV(27.5280, -10.6133, 44.2639)
contains.

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Color

**YUV(27.5280, -10.6133,
44.2639)**

Conversions

Conversions Part 1

Format	Color
Hex	4E0606
RGB	78, 6, 6
RGB Percent	31%, 2%, 2%
CMY	0.6941, 0.9765, 0.9765
CMYK	0.00, 0.92, 0.92, 0.69
HSL	0°, 86%, 16%
HSV	0°, 92%, 31%
XYZ	3.2399, 1.7631, 0.3418
YIQ	27.5280, 42.9120, 15.2640

Conversions

Conversions Part 2

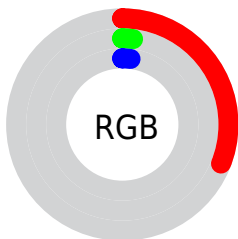
Format	Color
R_{YB}	78, 6, 6
Decimal	5113350
CIE Lab	14.19, 31.98, 19.58
CIE LCh	14, 37.500, 31.473
Yxy	1.7631, 0.6062, 0.3299
Android (android.graphics.Color)	4283303430 (0xFF4E0606)
YUV	27.5280, -10.6133, 44.2639
Hunter-Lab	13.2782, 20.3173, 7.7683

Details

The YUV color **27.5280, -10.6133, 44.2639** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **56.4720, 10.6133, -44.2639**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.7410, -13.6763, 46.7081**, and **5.0830, -2.5059, 10.4512** is the 20% darker color. If you saturate the color by 10%, you get **23.3220, -11.4977, 47.9526**, and if you desaturate by 10%, it is **33.1360, -9.4340, 39.3457**.

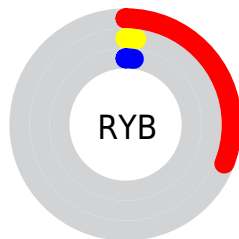
Distribution



Red (31%)

Green (2%)

Blue (2%)



Red (31%)

Yellow (2%)

Blue (2%)

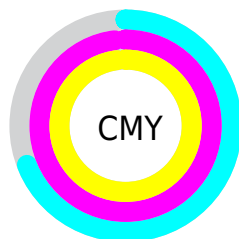


Cyan (0%)

Magenta (92%)

Yellow (92%)

Black (69%)



Cyan (69%)


Magenta (98%)


Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the YUV color 27.5280, -10.6133, 44.2639 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 27.5280, -10.6133, 44.2639 by changing the saturation by 10% instead.


 27.5280, -10.6133,
44.2639


 27.5280, -10.6133,
44.2639


 245.1060, -7.4473,
8.6770


 15.5480, -7.6652,
31.9684

 78.7410, -13.6763,
46.7081

 5.0830, -2.5059,
10.4512

 104.1220,
-14.8501, 49.8820

 0.0000, 0.0000,
0.0000

 130.3780,
-16.4554, 51.4115


 156.8730,
-17.1924, 54.4854


 184.3570,
-17.9240, 55.8149


 205.3770,


-14.9759, 43.5194


 225.4780,
-11.5747, 25.8908


 27.5280, -10.6133,
44.2639


 27.5280, -10.6133,
44.2639


 23.3220, -11.4977,
47.9526

 33.1360, -9.4340,
39.3457

 38.7440, -8.2548,
34.4275

 43.6510, -7.2229,
30.1241

 49.2590, -6.0437,
25.2059

 54.8670, -4.8644,
20.2876

■ 60.4750, -3.6852,
15.3694

■ 66.0830, -2.5059,
10.4512

■ 70.9900, -1.4741,
6.1478

■ 76.5980, -0.2948,
1.2296

Harmonies

Analogous

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



28.0240, 3.9322, 45.5830



27.5280, -10.6133, 44.2639



33.5230, -16.5268, 27.6053

Triad

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



27.5280, -10.6133, 44.2639



26.9850, -10.8386, -23.6658



33.0390, 27.5888, -28.9752

Complementary

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



27.5280, -10.6133, 44.2639



56.4720, 10.6133, -44.2639

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.



35.7630, 22.7948, -31.3642



27.5280, -10.6133, 44.2639



31.8070, 2.5601, -27.8947

Square

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



27.5280, -10.6133, 44.2639



30.0360, -14.8077, -10.5556



34.7710, 13.9169, -30.4942



35.5370, 22.4133, -2.2249

Rectangle

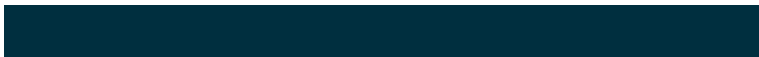
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



27.5280, -10.6133, 44.2639



34.3320, -16.9257, 15.4948



34.7710, 13.9169, -30.4942



34.8000, 26.7206, -30.5196

Sweetspot

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



27.5280, -10.6133, 44.2639



81.6710, -4.2748, 17.8285



35.7360, 20.8362, 37.0655



39.0830, -2.5059, 10.4512



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.



27.5280, -10.6133, 44.2639



30.4980, -15.0355, 62.7073



48.6600, -21.0314, 25.7312



35.1960, -0.5896, 2.4591



68.7700, -33.9036, 141.3987

Inverse Universe

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



56.4720, 10.6133, -44.2639



71.5020, 15.0355, -62.7073



35.3400, 21.0314, -25.7312



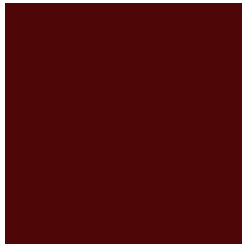
36.8040, 0.5896, -2.4591



161.2300, 33.9036, -141.3987

Previews

White Background



This preview shows how the YUV color 27.5280, -10.6133, 44.2639 looks on a white background.

Color Contrast Check

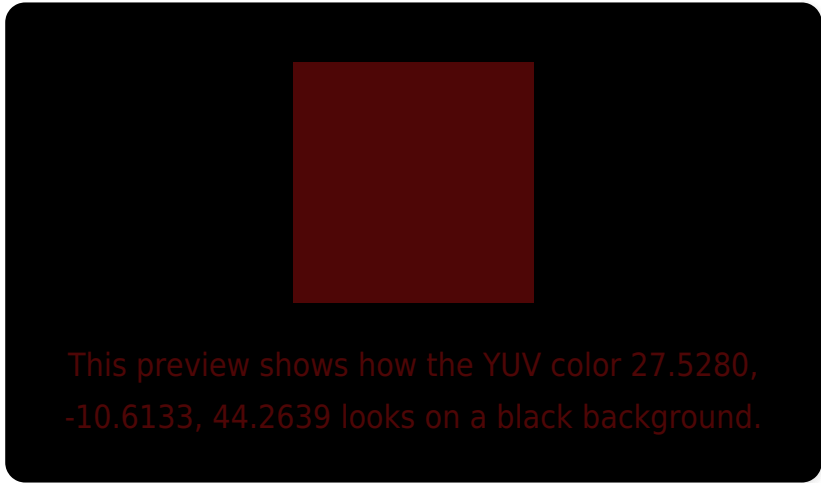
Large Text (above 18pt) WCAG AA ✓ Pass

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

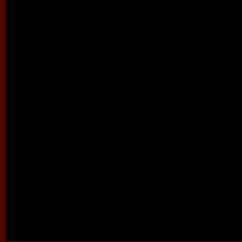
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.5280, -10.6133, 44.2639

Background



This preview shows how black text looks on a background with the YUV color 27.5280, -10.6133, 44.2639.

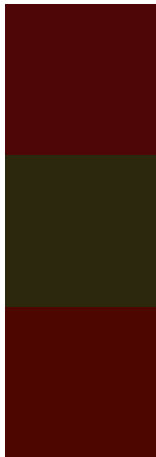


This preview shows how white text looks on a background with the YUV color 27.5280, -10.6133,

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

27.5280, -10.6133, 44.2639

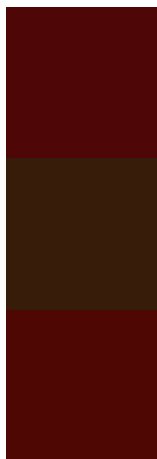
Protanopia

38.1180, -12.3832, 5.1585

Tritanopia

27.4310, -13.5235, 44.3490

Trichromacy



Original Color

27.5280, -10.6133, 44.2639

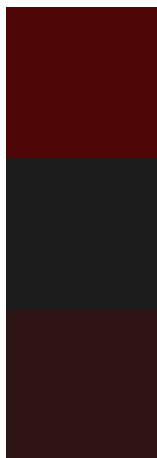
Protanomaly

34.3200, -11.9898, 19.0134

Tritanomaly

27.6590, -12.6499, 44.1491

Monochromacy



Original Color

27.5280, -10.6133, 44.2639

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.7740, -3.8326, 15.9842

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.5280, -10.6133, 44.2639 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, 6, 6)` looks like.

```
.text, #text, p{  
    color:rgb(78, 6, 6)  
}
```

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, 6, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 6, 6) }
```

Border

The CSS property to change the border of an element to YUV 27.5280, -10.6133, 44.2639 is called "border". The border property can be set on classes, ids or directly on the HTML element.

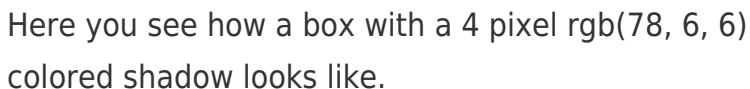
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(78, 6, 6) }
```

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

```
.border{ border-color:rgb(78, 6, 6) }
```

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



Here you see how a box with a 4 pixel `rgb(78, 6, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 6, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(78, 6, 6); box-shadow:4px  
4px 4px 4px rgb(78, 6, 6) }
```

Background

The CSS property to change the background color of an element to YUV 27.5280, -10.6133, 44.2639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 6, 6) }
```

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

```
.background{ background-color: rgb(78, 6,  
6) }
```

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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