

Converting Colors

YUV(27.6110, 3.6428, 45.0682)

Have a look what the booklet for
YUV(27.6110, 3.6428, 45.0682)
contains.

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Color

**YUV(27.6110, 3.6428,
45.0682)**

Conversions

Conversions Part 1

Format	Color
Hex	4F0023
RGB	79, 0, 35
RGB Percent	31%, 0%, 14%
CMY	0.6902, 1.0000, 0.8627
CMYK	0.00, 1.00, 0.56, 0.69
HSL	333°, 100%, 15%
HSV	333°, 100%, 31%
XYZ	3.5278, 1.7836, 1.7484
YIQ	27.6110, 35.8490, 27.6330

Conversions

Conversions Part 2

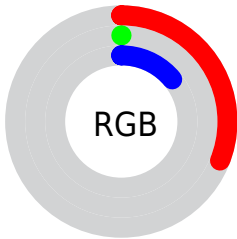
Format	Color
RYB	79, 0, 35
Decimal	5177379
CIELab	14.31, 36.15, 1.80
CIELCh	14, 36.192, 2.847
Yxy	1.7836, 0.4997, 0.2526
Android (android.graphics.Color)	4283367459 (0xFF4F0023)
YUV	27.6110, 3.6428, 45.0682
Hunter-Lab	13.3552, 23.7798, 1.5865

Details

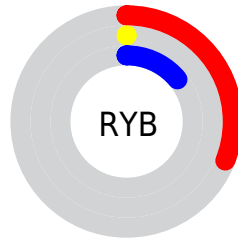
The YUV color **27.6110, 3.6428, 45.0682** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **51.3890, -3.6428, -45.0682**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.1720, -0.5778, 45.4532**, and **7.2900, -3.1010, 14.6547** is the 20% darker color. If you saturate the color by 10%, you get **27.6110, 3.6428, 45.0682**, and if you desaturate by 10%, it is **32.7630, 3.0748, 40.5498**.

Distribution



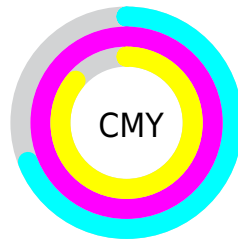
- Red (31%)
- Green (0%)
- Blue (14%)



- Red (31%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (69%)





- Cyan (69%)
- Magenta (100%)
- Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the YUV color 27.6110, 3.6428, 45.0682 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 27.6110, 3.6428, 45.0682 by changing the saturation by 10% instead.


 27.6110, 3.6428,
45.0682

 27.6110, 3.6428,
45.0682


 247.3690, 3.7621,
6.6924

 17.6280, -2.2816,
31.8982

 80.1720, -0.5778,
45.4532

 7.2900, -3.1010,
14.6547

 105.9550, -1.4568,
47.3975

 0.0000, 0.0000,
0.0000

 131.8520, -1.8990,
49.2418

 159.3360, -2.6306,
50.5713

 186.3470, -2.6361,
52.3157

 208.5520, -0.2721,

40.7349

■ 228.2940, 4.2921,
23.4212

■ 27.6110, 3.6428,
45.0682

■ 32.7630, 3.0748,
40.5498

■ 38.0290, 2.9437,
35.9316

■ 43.1810, 2.3758,
31.4133

■ 48.4470, 2.2446,
26.7950

■ 53.5990, 1.6767,
22.2767

■ 58.1640, 1.3981,
18.2732

■ 63.4300, 1.2670,
13.6549

■ 68.5820, 0.6991,
9.1366

■ 73.8480, 0.5679,
4.5183

Harmonies

Analogous

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



33.3300, 13.1483, 29.5286



27.6110, 3.6428, 45.0682



28.9900, -11.3341, 42.1048

Triad

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



27.6110, 3.6428, 45.0682



30.3350, -14.9552, -9.9408



35.7630, 22.7948, -31.3642

Complementary

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



27.6110, 3.6428, 45.0682



51.3890, -3.6428, -45.0682

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.



34.7710, 13.9169, -30.4942



27.6110, 3.6428, 45.0682



27.4410, -9.0914, -24.0658

Square

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



27.6110, 3.6428, 45.0682



34.2880, -16.9040, 8.5174



31.9210, 2.9969, -27.9947



32.9250, 27.1520, -28.8752

Rectangle

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



27.6110, 3.6428, 45.0682



32.9580, -16.2483, 31.6088



31.9210, 2.9969, -27.9947



35.7800, 20.3215, -31.3791

Sweetspot

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



27.6110, 3.6428, 45.0682



81.8650, 1.5456, 17.6584



21.8630, 28.1685, 18.5371



39.2940, 0.8411, 10.2662



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.



27.6110, 3.6428, 45.0682



35.6280, 4.6204, 58.2082



25.9690, -12.8027, 46.5082



35.4240, 0.2840, 2.2592



80.3980, 10.6498, 131.2010

Inverse Universe

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



27.6110, 3.6428, 45.0682



35.6280, 4.6204, 58.2082



53.0310, 12.8027, -46.5082



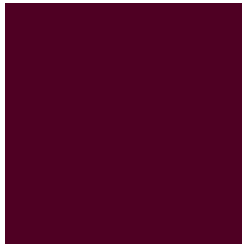
35.4240, 0.2840, 2.2592



80.3980, 10.6498, 131.2010

Previews

White Background



This preview shows how the YUV color 27.6110, 3.6428, 45.0682 looks on a white background.

Color Contrast Check

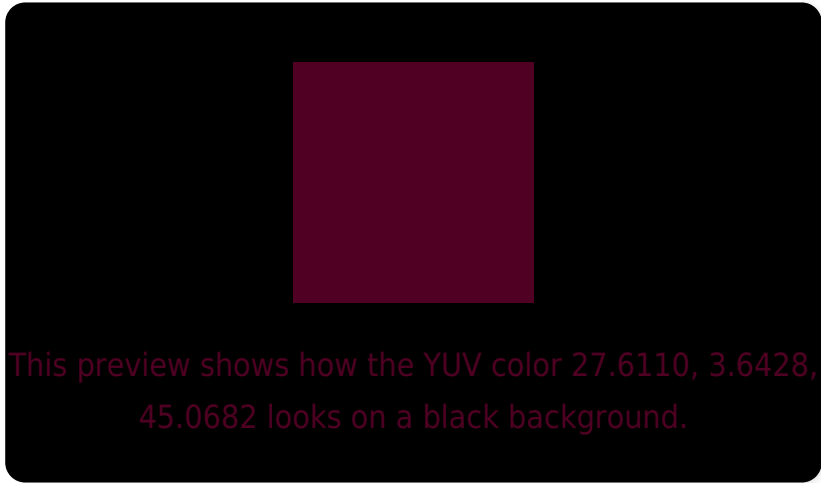
Large Text (above 18pt) WCAG AA ✓ Pass

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

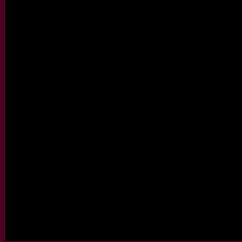
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.6110, 3.6428, 45.0682

Background



This preview shows how black text looks on a background with the YUV color 27.6110, 3.6428, 45.0682.



This preview shows how white text looks on a background with the YUV color 27.6110, 3.6428,

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

27.6110, 3.6428, 45.0682

Protanopia

40.6560, 5.0996, -2.3293

Deuteranopia

40.8930, -4.3842, 6.2328



Tritanopia

33.1360, -9.4340, 39.3457

Trichromacy



Original Color

27.6110, 3.6428, 45.0682

Protanomaly

35.6520, 4.6086, 15.2142

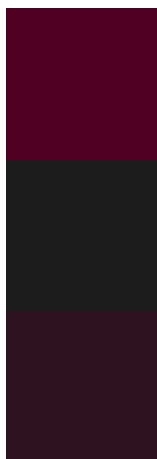
Deuteranomaly

36.0780, -1.5175, 20.1026

Tritanomaly

31.1130, -4.4927, 41.1199

Monochromacy



Original Color

27.6110, 3.6428, 45.0682

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.1530, 1.4036, 16.5288

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.6110, 3.6428, 45.0682 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(79, 0, 35)` looks like.

```
.text, #text, p{  
    color:rgb(79, 0, 35)  
}
```

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(79, 0, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 0, 35) }
```

Border

The CSS property to change the border of an element to YUV 27.6110, 3.6428, 45.0682 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(79, 0, 35) }
```

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

```
.border{ border-color:rgb(79, 0, 35) }
```

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

Here you see how a box with a 4 pixel rgb(79, 0, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 0, 35); -webkit-box-shadow:4px  
4px 4px 4px rgb(79, 0, 35); box-shadow:4px  
4px 4px 4px rgb(79, 0, 35) }
```

Background

The CSS property to change the background color of an element to YUV 27.6110, 3.6428, 45.0682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 0, 35) }
```

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

```
.background{ background-color: rgb(79, 0,  
35) }
```

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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