

Converting Colors

YUV(27.1280, 16.2059, 28.8287)

Have a look what the booklet for
YUV(27.1280, 16.2059, 28.8287)
contains.

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Color

**YUV(27.1280, 16.2059,
28.8287)**

Conversions

Conversions Part 1

Format	Color
Hex	3C043C
RGB	60, 4, 60
RGB Percent	24%, 2%, 24%
CMY	0.7647, 0.9843, 0.7647
CMYK	0.00, 0.93, 0.00, 0.76
HSL	300°, 88%, 13%
HSV	300°, 93%, 24%
XYZ	2.7225, 1.3737, 4.3966
YIQ	27.1280, 15.4000, 29.2880

Conversions

Conversions Part 2

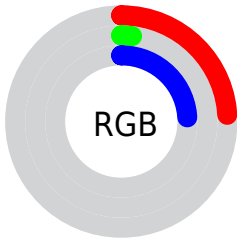
Format	Color
RYB	60, 4, 60
Decimal	3933244
CIELab	11.78, 33.24, -20.72
CIELCh	12, 39.163, 328.065
Yxy	1.3737, 0.3206, 0.1618
Android (android.graphics.Color)	4282123324 (0xFF3C043C)
YUV	27.1280, 16.2059, 28.8287
Hunter-Lab	11.7206, 20.9514, -14.0363

Details

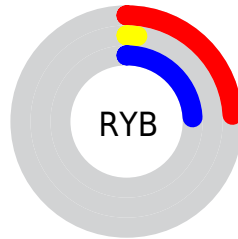
The YUV color **27.1280, 16.2059, 28.8287** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **36.8720, -16.2059, -28.8287**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.9000, 15.3323, 29.0287**, and **2.2970, 6.2626, -2.0145** is the 20% darker color. If you saturate the color by 10%, you get **24.7800, 17.3635, 30.8879**, and if you desaturate by 10%, it is **30.6500, 14.4696, 25.7400**.

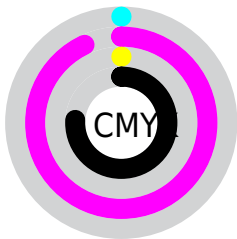
Distribution



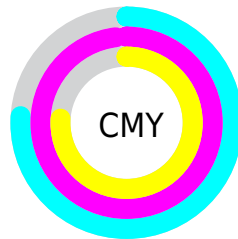
- Red (24%)
- Green (2%)
- Blue (24%)



- Red (24%)
- Yellow (2%)
- Blue (24%)



- Cyan (0%)
- Magenta (93%)
- Yellow (0%)
- Black (76%)



- Cyan (76%)
- Magenta (98%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.1280, 16.2059, 28.8287 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 27.1280, 16.2059, 28.8287 by changing the saturation by 10% instead.

■ 27.1280, 16.2059,
28.8287

■ 27.1280, 16.2059,
28.8287

■ 245.6080, 4.6303,
8.2368

■ 15.9930, 10.8495,
20.1771

■ 76.9000, 15.3323,
29.0287

■ 2.2970, 6.2626,
-2.0145

■ 101.6120, 15.4743,
30.1583

■ 0.0000, 0.0000,
0.0000


■ 127.3240, 15.6163,
31.2879


■ 153.7370, 15.9057,
31.8027


■ 180.8620, 16.3370,
33.4470


■ 208.6880, 16.9158,


34.4766


 228.5850, 13.0226,
23.1660


 27.1280, 16.2059,
28.8287


 27.1280, 16.2059,
28.8287

 24.7800, 17.3635,
30.8879

 30.6500, 14.4696,
25.7400

 34.1720, 12.7332,
22.6512

 37.6940, 10.9969,
19.5624

 41.2160, 9.2605,
16.4736

 44.7380, 7.5242,
13.3848

■ 48.2600, 5.7878,
10.2960

■ 51.7820, 4.0515,
7.2072

■ 55.3040, 2.3151,
4.1184

■ 58.8260, 0.5788,
1.0296

Harmonies

Analogous

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



29.0630, 24.6189, -9.7023



27.1280, 16.2059, 28.8287



26.3010, 3.7956, 42.7090

Triad

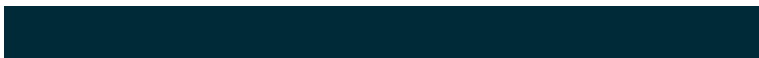
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.1280, 16.2059, 28.8287



29.8690, -14.7254, 9.7619



31.0380, 12.3063, -27.2203

Complementary

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



27.1280, 16.2059, 28.8287



36.8720, -16.2059, -28.8287

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.



27.8460, 0.0759, -24.4209



27.1280, 16.2059, 28.8287



25.9050, -12.7712, -10.4407

Square

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



27.1280, 16.2059, 28.8287



27.6310, -13.6221, 29.2646



23.4800, -11.5756, -20.5920



32.2580, 22.0578, -28.2903

Rectangle

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



27.1280, 16.2059, 28.8287



24.4340, -4.6510, 45.2234



23.4800, -11.5756, -20.5920



30.5990, 8.0857, -26.8353

Sweetspot

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



27.1280, 16.2059, 28.8287



66.0860, 6.3666, 11.3256



10.3840, 24.4607, -5.5988



32.7820, 4.0515, 7.2072



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



27.1280, 16.2059, 28.8287



32.6270, 22.8619, 40.6691



23.9360, 3.9756, 31.6281



29.2390, 0.8682, 1.5444



38.8220, 27.2028, 48.3911



91.6860, 64.2448, 114.2854

Inverse Universe

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



27.1280, 16.2059, 28.8287



32.6270, 22.8619, 40.6691



40.0640, -3.9756, -31.6281



29.2390, 0.8682, 1.5444



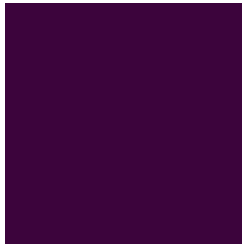
38.8220, 27.2028, 48.3911



91.6860, 64.2448, 114.2854

Previews

White Background



This preview shows how the YUV color 27.1280, 16.2059, 28.8287 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

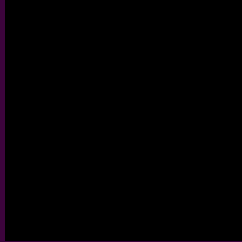
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.1280, 16.2059, 28.8287

Background



This preview shows how black text looks on a background with the YUV color 27.1280, 16.2059, 28.8287.



This preview shows how white text looks on a background with the YUV color 27.1280, 16.2059,

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

27.1280, 16.2059, 28.8287

Protanopia

27.3510, 21.0260, -23.9868

Deuteranopia

33.2080, 11.2365, -10.7064



Tritanopia

33.6820, -4.2802, 19.5729

Trichromacy



Original Color

27.1280, 16.2059, 28.8287

Protanomaly

27.0160, 19.2191, -4.3990

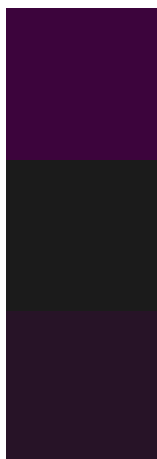
Deuteranomaly

31.0510, 12.7929, 3.4633

Tritanomaly

31.3540, 3.2765, 22.4915

Monochromacy



Original Color

27.1280, 16.2059, 28.8287

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

27.2600, 5.7878, 10.2960

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.1280, 16.2059, 28.8287 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(60, 4, 60)` looks like.

```
.text, #text, p{  
    color:rgb(60, 4, 60)  
}
```

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(60, 4, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 4, 60) }
```

Border

The CSS property to change the border of an element to YUV 27.1280, 16.2059, 28.8287 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(60, 4, 60) }
```


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

```
.border{ border-color:rgb(60, 4, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 4, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 4, 60); -webkit-box-shadow:4px  
4px 4px 4px rgb(60, 4, 60); box-shadow:4px  
4px 4px 4px rgb(60, 4, 60) }
```

Background

The CSS property to change the background color of an element to YUV 27.1280, 16.2059, 28.8287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 4, 60) }
```

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

```
.background{ background-color: rgb(60, 4,  
60) }
```

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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