

Converting Colors

YUV(29.4500, 27.8791, 18.0223)

Have a look what the booklet for
YUV(29.4500, 27.8791, 18.0223)
contains.

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Color

**YUV(29.4500, 27.8791,
18.0223)**

Conversions

Conversions Part 1

Format	Color
Hex	320856
RGB	50, 8, 86
RGB Percent	20%, 3%, 34%
CMY	0.8039, 0.9686, 0.6627
CMYK	0.42, 0.91, 0.00, 0.66
HSL	272°, 83%, 18%
HSV	272°, 91%, 34%
XYZ	3.0819, 1.5237, 8.9358
YIQ	29.4500, -0.0060, 33.1620

Conversions

Conversions Part 2

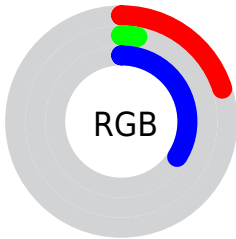
Format	Color
RYB	50, 8, 86
Decimal	3278934
CIELab	12.76, 35.48, -37.33
CIELCh	13, 51.505, 313.547
Yxy	1.5237, 0.2276, 0.1125
Android (android.graphics.Color)	4281469014 (0xFF320856)
YUV	29.4500, 27.8791, 18.0223
Hunter-Lab	12.3437, 22.9661, -34.2803

Details

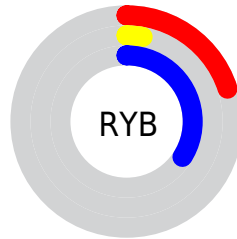
The YUV color **29.4500, 27.8791, 18.0223** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **64.5500, -27.8791, -18.0223**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.6890, 28.7473, 19.5667**, and **4.5600, 17.4719, -3.9991** is the 20% darker color. If you saturate the color by 10%, you get **23.5580, 30.7839, 19.6816**, and if you desaturate by 10%, it is **35.9290, 24.6850, 15.8483**.

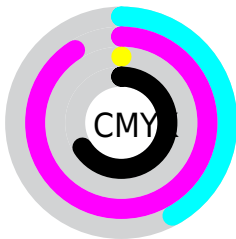
Distribution



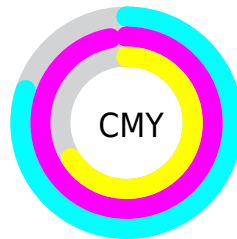
- Red (20%)
- Green (3%)
- Blue (34%)



- Red (20%)
- Yellow (3%)
- Blue (34%)



- Cyan (42%)
- Magenta (91%)
- Yellow (0%)
- Black (66%)



- Cyan (80%)
- Magenta (97%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.4500, 27.8791, 18.0223 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 29.4500, 27.8791, 18.0223 by changing the saturation by 10% instead.

■ 29.4500, 27.8791,
18.0223

■ 29.4500, 27.8791,
18.0223

■ 247.3690, 3.7621,
6.6924

■ 15.1410, 23.1015,
10.4003

■ 78.6890, 28.7473,
19.5667

■ 4.5600, 17.4719,
-3.9991

■ 104.1020, 29.0367,
20.0815

■ 2.5250, 7.1362,
-2.2144

■ 129.9280, 29.6155,
21.1111

■ 0.0000, 0.0000,
0.0000


■ 156.2810, 30.9205,
22.5556


■ 183.6940, 31.2099,
23.0704


■ 209.1260, 22.6159,


26.1995


 230.3460, 12.1544,
21.6216


 29.4500, 27.8791,
18.0223


 29.4500, 27.8791,
18.0223


 23.5580, 30.7839,
19.6816

 35.9290, 24.6850,
15.8483

 41.8210, 21.7802,
14.1890

 48.3000, 18.5861,
12.0149

 54.1920, 15.6813,
10.3556

 60.6710, 12.4872,
8.1815

■ 67.1500, 9.2931,
6.0075

■ 73.0420, 6.3883,
4.3482

■ 79.5210, 3.1941,
2.1741

■ 85.4130, 0.2894,
0.5148

Harmonies

Analogous

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



31.9280, 36.0245, -28.0009



29.4500, 27.8791, 18.0223



30.9730, 11.3523, 45.6277

Triad

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



29.4500, 27.8791, 18.0223



31.4300, -15.4950, 23.3019



33.1750, 7.8017, -29.0945

Complementary

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



29.4500, 27.8791, 18.0223



64.5500, -27.8791, -18.0223

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.



27.9140, -9.8176, -24.4806



29.4500, 27.8791, 18.0223



29.7920, -14.6875, -2.4486

Square

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



29.4500, 27.8791, 18.0223



23.9200, -11.7926, 49.1822



25.2410, -12.4438, -22.1364



37.0510, 22.6529, -32.4937

Rectangle

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



29.4500, 27.8791, 18.0223



30.4440, 0.2741, 52.2306



25.2410, -12.4438, -22.1364



31.8070, 2.5601, -27.8947

Sweetspot

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



29.4500, 27.8791, 18.0223



90.2040, 10.7454, 6.8371



38.0240, 23.6522, -26.3310



43.0420, 6.3883, 4.3482



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



29.4500, 27.8791, 18.0223



30.7080, 40.0770, 25.6891



39.8720, 21.2621, 40.4543



40.0540, 1.4524, 0.8296



29.5400, 38.1878, 24.9594



64.4640, 84.0742, 53.9671

Inverse Universe

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



35.4260, 4.2270, 44.3534



39.4160, 6.2039, 63.6562



54.1280, -21.2621, -40.4543



40.4240, 0.2840, 2.2592



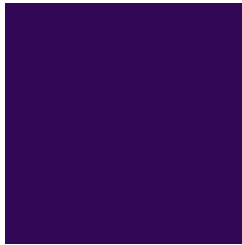
37.5790, 5.6306, 60.8822



82.5770, 12.5335, 133.6750

Previews

White Background



This preview shows how the YUV color 29.4500, 27.8791, 18.0223 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

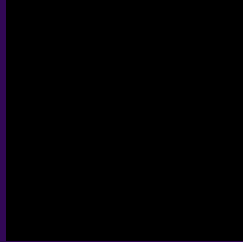
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.4500, 27.8791, 18.0223

Background



This preview shows how black text looks on a background with the YUV color 29.4500, 27.8791, 18.0223.



This preview shows how white text looks on a background with the YUV color 29.4500, 27.8791,

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

29.4500, 27.8791, 18.0223

Protanopia

28.1660, 21.6102, -24.7016

Deuteranopia

28.7870, 16.3740, -25.2462



Tritanopia

35.8370, 0.5734, 2.7740

Trichromacy



Original Color

29.4500, 27.8791, 18.0223

Protanomaly

28.8350, 23.7453, -9.5023

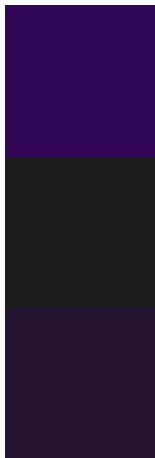
Deuteranomaly

28.7380, 20.8352, -9.4172

Tritanomaly

33.8020, 10.4506, 8.0666

Monochromacy



Original Color

29.4500, 27.8791, 18.0223

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.0900, 10.3086, 6.9371

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.4500, 27.8791, 18.0223 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(50, 8, 86)` looks like.

```
.text, #text, p{  
    color:rgb(50, 8, 86)  
}
```

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(50, 8, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 8, 86) }
```

Border

The CSS property to change the border of an element to YUV 29.4500, 27.8791, 18.0223 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(50, 8, 86) }
```


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

```
.border{ border-color:rgb(50, 8, 86) }
```

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

Here you see how a box with a 4 pixel rgb(50, 8, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 8, 86); -webkit-box-shadow:4px  
4px 4px 4px rgb(50, 8, 86); box-shadow:4px  
4px 4px 4px rgb(50, 8, 86) }
```

Background

The CSS property to change the background color of an element to YUV 29.4500, 27.8791, 18.0223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 8, 86) }
```

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

```
.background{ background-color: rgb(50, 8,  
86) }
```

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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