

Converting Colors

YUV(29.0450, 28.5718,
-17.5795)

Have a look what the booklet for
YUV(29.0450, 28.5718, -17.5795)
contains.

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Color

**YUV(29.0450, 28.5718,
-17.5795)**

Conversions

Conversions Part 1

Format	Color
Hex	091C57
RGB	9, 28, 87
RGB Percent	4%, 11%, 34%
CMY	0.9647, 0.8902, 0.6588
CMYK	0.90, 0.68, 0.00, 0.66
HSL	225°, 81%, 19%
HSV	225°, 90%, 34%
XYZ	2.2482, 1.5767, 9.2027
YIQ	29.0450, -30.2630, 14.3210

Conversions

Conversions Part 2

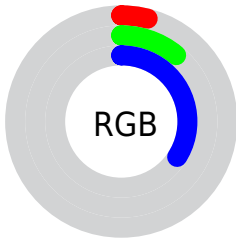
Format	Color
R_{YB}	9, 24, 87
Decimal	597079
CIE _{Lab}	13.09, 18.15, -37.62
CIE _{LCh}	13, 41.769, 295.756
Yxy	1.5767, 0.1726, 0.1210
Android (android.graphics.Color)	4278787159 (0xFF091C57)
YUV	29.0450, 28.5718, -17.5795
Hunter-Lab	12.5567, 9.9853, -34.6633

Details

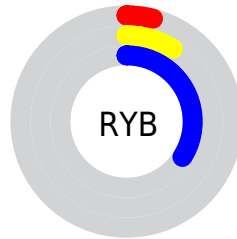
The YUV color **29.0450, 28.5718, -17.5795** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **66.9550, -28.5718, 17.5795**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.7410, 29.7077, -8.5429**, and **6.4350, 17.0405, -5.6435** is the 20% darker color. If you saturate the color by 10%, you get **22.2450, 31.9242, -19.5089**, and if you desaturate by 10%, it is **35.8450, 25.2194, -15.6501**.

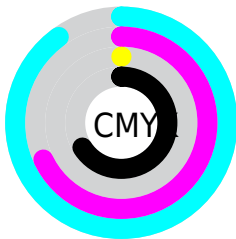
Distribution



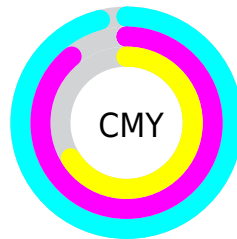
- Red (4%)
- Green (11%)
- Blue (34%)



- Red (4%)
- Yellow (9%)
- Blue (34%)



- Cyan (90%)
- Magenta (68%)
- Yellow (0%)
- Black (66%)



- Cyan (96%)
- Magenta (89%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.0450, 28.5718, -17.5795 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 29.0450, 28.5718, -17.5795 by changing the saturation by 10% instead.

■ 29.0450, 28.5718,
-17.5795

■ 29.0450, 28.5718,
-17.5795

■ 255.0000, 0.0000,
0.0000

■ 8.9430, 26.6501,
-7.8430

■ 77.7410, 29.7077,
-8.5429

■ 6.4350, 17.0405,
-5.6435

■ 102.5670, 30.2865,
-7.5133

■ 2.6390, 7.5730,
-2.3144

■ 127.9200, 31.5914,
-6.0688

■ 0.0000, 0.0000,
0.0000

■ 154.4470, 32.3176,
-5.6540

■ 181.8600, 32.6070,
-5.1392

■ 206.8790, 23.7237,

-2.5249

■ 231.9860, 11.3459,
0.8893

■ 29.0450, 28.5718,
-17.5795

■ 29.0450, 28.5718,
-17.5795

■ 22.2450, 31.9242,
-19.5089

■ 35.8450, 25.2194,
-15.6501

■ 41.7590, 22.3038,
-13.8206

■ 48.5590, 18.9514,
-11.8912

■ 54.7720, 15.8884,
-9.4470

■ 61.5720, 12.5360,
-7.5176

■ 67.4860, 9.6204,
-5.6882

■ 74.2860, 6.2680,
-3.7588

■ 81.0860, 2.9156,
-1.8294

■ 87.0000, 0.0000,
0.0000

Harmonies

Analogous

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



33.4950, 29.3360, -29.3751



29.0450, 28.5718, -17.5795



29.9970, 18.2425, 28.9436

Triad

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



29.0450, 28.5718, -17.5795



29.7240, -14.6539, 33.5681



29.7210, -0.3555, -26.0653

Complementary

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



29.0450, 28.5718, -17.5795



66.9550, -28.5718, 17.5795

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.



25.2410, -12.4438, -22.1364



29.0450, 28.5718, -17.5795



32.2500, -15.8993, 12.9358

Square

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



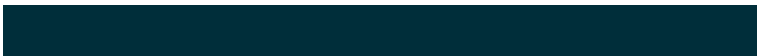
29.0450, 28.5718, -17.5795



24.6040, -9.1718, 48.5823



28.2750, -13.9396, -9.0112



33.6140, 12.0223, -29.4795

Rectangle

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



29.0450, 28.5718, -17.5795



28.3100, 10.2002, 41.8241



28.2750, -13.9396, -9.0112



28.4670, -5.1602, -24.9656

Sweetspot

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



29.0450, 28.5718, -17.5795



89.5290, 11.0782, -6.6029



61.5120, 3.1986, -46.0530



42.9870, 6.4154, -4.3736



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.



29.0450, 28.5718, -17.5795



28.6170, 41.1078, -25.0971



23.8720, 31.1221, 4.4973



40.0430, 1.4578, -0.9147



27.4600, 39.2132, -24.0824



60.2490, 86.1522, -52.8384

Inverse Universe

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



34.4880, -3.1986, 46.0530



36.5660, -4.7160, 66.1556



72.4270, -31.2695, -3.8825



40.3100, -0.1528, 2.3591



34.9570, -4.4158, 63.1817



76.7630, -9.7432, 138.7738

Previews

White Background



This preview shows how the YUV color 29.0450, 28.5718, -17.5795 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



This preview shows how the YUV color 29.0450, 28.5718, -17.5795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

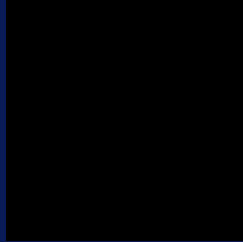
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.0450, 28.5718, -17.5795

Background



This preview shows how black text looks on a background with the YUV color 29.0450, 28.5718, -17.5795.



This preview shows how white text looks on a background with the YUV color 29.0450, 28.5718,

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

29.0450, 28.5718, -17.5795

Protanopia

27.4650, 21.4628, -24.0868

Deuteranopia

27.9720, 15.7898, -24.5314



Tritanopia

27.5670, 6.6225, -24.1763

Trichromacy



Original Color

29.0450, 28.5718, -17.5795

Protanomaly

27.8720, 24.2201, -21.8127

Deuteranomaly

28.2480, 20.5837, -22.1425

Tritanomaly

28.0540, 14.7634, -21.9724

Monochromacy



Original Color

29.0450, 28.5718, -17.5795

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.3010, 10.2046, -6.4030

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.0450, 28.5718, -17.5795 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(9, 28, 87)` looks like.

```
.text, #text, p{  
    color:rgb(9, 28, 87)  
}
```

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(9, 28, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 28, 87) }
```

Border

The CSS property to change the border of an element to YUV 29.0450, 28.5718, -17.5795 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(9, 28, 87) }
```


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

```
.border{ border-color:rgb(9, 28, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 28, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 28, 87); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 28, 87); box-shadow:4px  
4px 4px 4px rgb(9, 28, 87) }
```

Background

The CSS property to change the background color of an element to YUV 29.0450, 28.5718, -17.5795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 28, 87) }
```

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

```
.background{ background-color: rgb(9, 28,  
87) }
```

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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