

Converting Colors

YUV(58.9280, 36.0245,
-28.0009)

Have a look what the booklet for
YUV(58.9280, 36.0245, -28.0009)
contains.

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Color

**YUV(58.9280, 36.0245,
-28.0009)**

Conversions

Conversions Part 1

Format	Color
Hex	1B3D84
RGB	27, 61, 132
RGB Percent	11%, 24%, 52%
CMY	0.8941, 0.7608, 0.4824
CMYK	0.80, 0.54, 0.00, 0.48
HSL	221°, 66%, 31%
HSV	221°, 80%, 52%
XYZ	6.2856, 5.2364, 22.5092
YIQ	58.9280, -43.0550, 14.8730

Conversions

Conversions Part 2

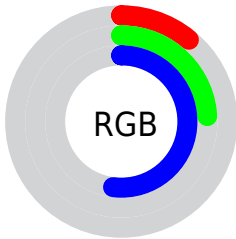
Format	Color
RYB	27, 53, 132
Decimal	1785220
CIELab	27.40, 15.14, -43.43
CIELCh	27, 45.995, 289.212
Yxy	5.2364, 0.1847, 0.1539
Android (android.graphics.Color)	4279975300 (0xFF1B3D84)
YUV	58.9280, 36.0245, -28.0009
Hunter-Lab	22.8833, 8.9848, -42.3026

Details

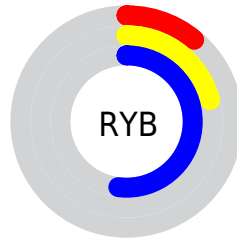
The YUV color **58.9280, 36.0245, -28.0009** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **100.0720, -36.0245, 28.0009**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.9120, 37.0184, -20.0938**, and **21.0880, 30.0296, -18.4942** is the 20% darker color. If you saturate the color by 10%, you get **49.7580, 40.5453, -31.3598**, and if you desaturate by 10%, it is **68.0980, 31.5037, -24.6419**.

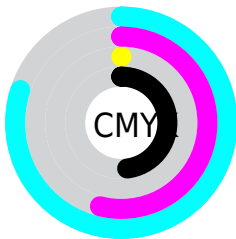
Distribution



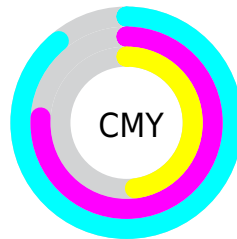
- Red (11%)
- Green (24%)
- Blue (52%)



- Red (11%)
- Yellow (21%)
- Blue (52%)



- Cyan (80%)
- Magenta (54%)
- Yellow (0%)
- Black (48%)



- Cyan (89%)
- Magenta (76%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.9280, 36.0245, -28.0009 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 58.9280, 36.0245, -28.0009 by changing the saturation by 10% instead.

■ 58.9280, 36.0245,
-28.0009

■ 58.9280, 36.0245,
-28.0009

■ 255.0000, 0.0000,
0.0000

■ 35.5640, 34.7249,
-31.1896

■ 110.9120, 37.0184,
-20.0938

■ 21.0880, 30.0296,
-18.4942

■ 137.1510, 37.8866,
-18.5494

■ 7.7860, 24.7555,
-6.8283

■ 163.9770, 38.4653,
-17.5198

■ 5.2780, 15.1459,
-4.6288

■ 189.6800, 32.2028,
-15.5054

■ 1.2540, 4.8048,
-1.0998

■ 214.7870, 19.8250,
-12.0912

■ 0.0000, 0.0000,
0.0000

■ 239.8940, 7.4473,

-8.6770

■ 58.9280, 36.0245,
-28.0009

■ 58.9280, 36.0245,
-28.0009

■ 49.7580, 40.5453,
-31.3598

■ 68.0980, 31.5037,
-24.6419

■ 40.5880, 45.0661,
-34.7187

■ 77.2680, 26.9829,
-21.2830

■ 40.2890, 45.2135,
-35.3335

■ 86.7370, 22.3147,
-17.3093

■ 95.9070, 17.7938,
-13.9504

■ 105.0770, 13.2730,
-10.5915

■ 114.2470, 8.7522,
-7.2326

■ 122.8300, 4.5208,
-3.3589

■ 132.2990, -0.1474,
0.6148

■ 141.4690, -4.6682,
3.9737

Harmonies

Analogous

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



58.2410, 37.8422, -51.0774



58.9280, 36.0245, -28.0009



65.7020, 22.3319, 23.9403

Triad

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



58.9280, 36.0245, -28.0009



59.7660, -25.0276, 47.5632



52.0730, -1.0220, -45.6680

Complementary

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



58.9280, 36.0245, -28.0009



100.0720, -36.0245, 28.0009

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.



46.2790, -16.8995, -39.7097



58.9280, 36.0245, -28.0009



61.5430, -30.3407, 24.9568

Square

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



58.9280, 36.0245, -28.0009



56.4790, -6.1521, 60.0929



58.7310, -28.9544, 0.2359



56.8780, 14.8501, -49.8820

Rectangle

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



58.9280, 36.0245, -28.0009



61.9560, 13.8257, 45.6426



58.7310, -28.9544, 0.2359



50.7050, -6.2636, -44.4683

Sweetspot

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



58.9280, 36.0245, -28.0009



142.3050, 14.1466, -10.7915



96.6150, 0.1898, -61.0524



69.5460, 8.6048, -6.6178



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



58.9280, 36.0245, -28.0009



57.9920, 55.7129, -42.9660



44.0530, 43.3579, -0.0465



61.8580, 2.0420, -1.6295



39.4740, 44.6293, -34.6187



0.9290, 1.0210, -0.8147

Inverse Universe

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



62.2710, -0.6266, 61.1523



63.3660, -1.1664, 94.3950



114.9470, -43.3579, 0.0465



62.0220, -0.0108, 3.4887



43.6580, -0.8174, 75.7219



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 58.9280, 36.0245, -28.0009 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 58.9280, 36.0245, -28.0009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

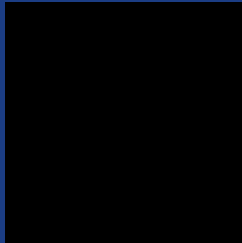
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.9280, 36.0245, -28.0009

Background



This preview shows how black text looks on a background with the YUV color 58.9280, 36.0245, -28.0009.



This preview shows how white text looks on a background with the YUV color 58.9280, 36.0245,

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

58.9280, 36.0245, -28.0009

Deuteranopia

51.8520, 31.1320, -45.4742

Tritanopia

51.0420, 12.7973, -44.7638

Trichromacy



Original Color

58.9280, 36.0245, -28.0009

Deuteranomaly

54.3520, 32.8575, -38.8967

Tritanomaly

53.9640, 21.2167, -38.5564

Monochromacy



Original Color

58.9280, 36.0245, -28.0009

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.0770, 13.2730, -10.5915

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.9280, 36.0245, -28.0009 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(27, 61, 132)` looks like.

```
.text, #text, p{  
    color:rgb(27, 61, 132)  
}
```

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(27, 61, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 61, 132) }
```

Border

The CSS property to change the border of an element to YUV 58.9280, 36.0245, -28.0009 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(27, 61, 132) }
```

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

```
.border{ border-color:rgb(27, 61, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 61, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 61, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 61, 132);  
box-shadow:4px 4px 4px 4px rgb(27, 61,  
132) }
```


Background

The CSS property to change the background color of an element to YUV 58.9280, 36.0245, -28.0009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 61, 132) }
```

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

```
.background{ background-color: rgb(27, 61,  
132) }
```

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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