

Converting Colors

YUV(57.0360, 42.3803,
-13.1866)

Have a look what the booklet for
YUV(57.0360, 42.3803, -13.1866)
contains.

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Color

**YUV(57.0360, 42.3803,
-13.1866)**

Conversions

Conversions Part 1	
Format	Color
Hex	2A308F
RGB	42, 48, 143
RGB Percent	16%, 19%, 56%
CMY	0.8353, 0.8118, 0.4392
CMYK	0.71, 0.66, 0.00, 0.44
HSL	236°, 55%, 36%
HSV	236°, 71%, 56%
XYZ	6.9697, 4.5893, 26.5051
YIQ	57.0360, -34.0710, 28.2730

Conversions

Conversions Part 2

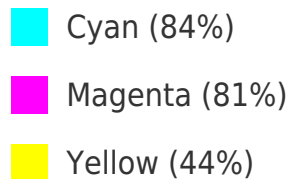
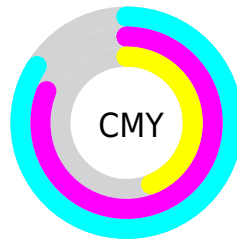
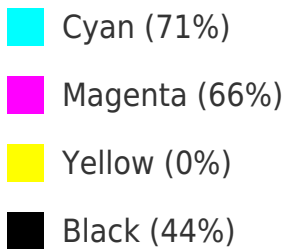
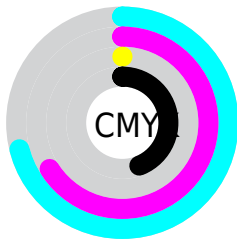
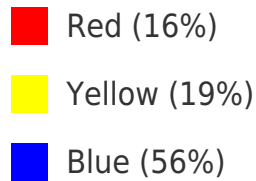
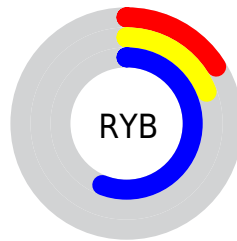
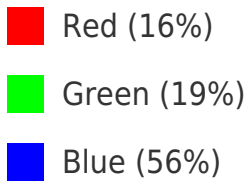
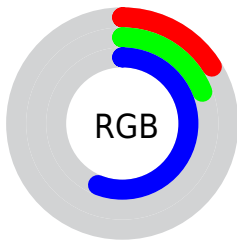
Format	Color
RYB	42, 48, 143
Decimal	2764943
CIELab	25.53, 30.27, -53.27
CIELCh	26, 61.270, 299.603
Yxy	4.5893, 0.1831, 0.1206
Android (android.graphics.Color)	4280955023 (0xFF2A308F)
YUV	57.0360, 42.3803, -13.1866
Hunter-Lab	21.4227, 20.5840, -58.3603

Details

The YUV color **57.0360, 42.3803, -13.1866** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **127.9640, -42.3803, 13.1866**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.2480, 44.2477, -5.4795**, and **13.8960, 38.0123, -12.1868** is the 20% darker color. If you saturate the color by 10%, you get **45.2190, 48.2060, -15.1011**, and if you desaturate by 10%, it is **68.8530, 36.5545, -11.2721**.

Distribution





Brightness & Saturation


Gradients


These gradients show how the YUV color 57.0360, 42.3803, -13.1866 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 57.0360, 42.3803, -13.1866 by changing the saturation by 10% instead.


 57.0360, 42.3803,
-13.1866


 57.0360, 42.3803,
-13.1866


 255.0000, 0.0000,
0.0000


 29.1870, 43.2918,
-25.5970


 108.2480, 44.2477,
-5.4795

 13.8960, 38.0123,
-12.1868


 134.4870, 45.1159,
-3.9351


 7.6380, 29.2655,
-6.6985


 161.4270, 46.1315,
-3.0055

 6.7770, 18.3509,
-5.9434

 185.9470, 34.0431,
0.9235

 3.0950, 9.3202,
-2.7143

 210.4670, 21.9548,
4.8524

 0.0000, 0.0000,
0.0000

 235.5740, 9.5770,

8.2666

■ 57.0360, 42.3803,
-13.1866

■ 57.0360, 42.3803,
-13.1866

■ 45.2190, 48.2060,
-15.1011

■ 68.8530, 36.5545,
-11.2721

■ 32.5160, 54.4686,
-17.1155

■ 81.5560, 30.2919,
-9.2576

■ 20.9980, 60.1470,
-18.4152

■ 93.3730, 24.4661,
-7.3431

■ 105.7770, 18.3509,
-5.9434

■ 117.5940, 12.5252,
-4.0289

■ 130.2970, 6.2626,
-2.0145

■ 142.1140, 0.4368,
-0.1000

■ 154.5180, -5.6784,
1.2997

■ 166.6340,
-11.6516, 3.8290

Harmonies

Analogous

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



57.7000, 48.4619, -50.6029



57.0360, 42.3803, -13.1866



46.3870, 30.3752, 57.5426

Triad

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



57.0360, 42.3803, -13.1866



54.3210, -26.7803, 49.7075



52.5120, 3.1986, -46.0530

Complementary

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



57.0360, 42.3803, -13.1866



127.9640, -42.3803, 13.1866

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.



45.0680, -20.2465, -39.5246



57.0360, 42.3803, -13.1866



57.3570, -28.2770, 16.3499

Square

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



57.0360, 42.3803, -13.1866



41.8190, -11.7428, 79.9657



48.8640, -24.0900, -20.0517



58.4570, 23.4387, -51.2668

Rectangle

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



57.0360, 42.3803, -13.1866



48.1750, 15.1967, 72.6375



48.8640, -24.0900, -20.0517



49.9870, -3.9376, -43.8386

Sweetspot

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



57.0360, 42.3803, -13.1866



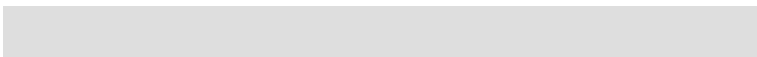
152.6200, 16.4563, -4.9287



112.0030, 11.8305, -61.3926



74.2090, 9.7570, -2.8143



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



57.0360, 42.3803, -13.1866



51.2950, 66.4096, -20.4297



66.6700, 37.6307, 16.9524



65.3850, 2.7682, -1.2146



20.0860, 56.6526, -17.6154



0.9120, 3.4944, -0.7998

Inverse Universe

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



72.8830, -12.2673, 61.4926



76.2680, -19.3591, 96.2350



118.3300, -37.6307, -16.9524



66.2070, -0.5951, 4.2035



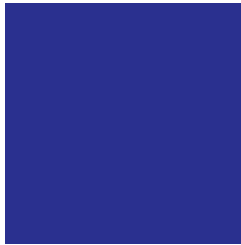
41.2770, -16.4056, 82.1951



2.3920, -1.1793, 4.9182

Previews

White Background



This preview shows how the YUV color 57.0360, 42.3803, -13.1866 looks on a white background.

Color Contrast Check

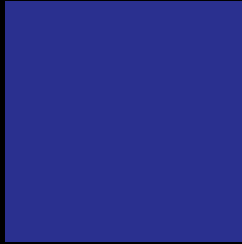
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.0360, 42.3803, -13.1866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

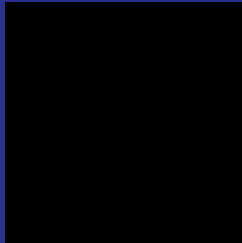
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.0360, 42.3803, -13.1866

Background



This preview shows how black text looks on a background with the YUV color 57.0360, 42.3803, -13.1866.



This preview shows how white text looks on a background with the YUV color 57.0360, 42.3803, -13.1866.

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

57.0360, 42.3803, -13.1866

Protanopia

48.0680, 36.9415, -42.1556

Deuteranopia

48.4780, 28.3583, -42.5152



Tritanopia

47.5370, 12.0603, -41.6899

Trichromacy



Original Color
57.0360, 42.3803, -13.1866

Protanomaly
51.0030, 38.9455, -31.5746

Deuteranomaly
51.5100, 33.2726, -32.0193

Tritanomaly
50.8770, 23.2316, -31.4641

Monochromacy



Original Color
57.0360, 42.3803, -13.1866

Achromatopsia
57.0000, 0.0000, 0.0000

Achromatomaly
57.2780, 15.1459, -4.6288

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.0360, 42.3803, -13.1866 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(42, 48, 143)` looks like.

```
.text, #text, p{  
    color:rgb(42, 48, 143)  
}
```

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(42, 48, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 48, 143) }
```

Border

The CSS property to change the border of an element to YUV 57.0360, 42.3803, -13.1866 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(42, 48, 143) }
```


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

```
.border{ border-color:rgb(42, 48, 143) }
```

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

Here you see how a box with a 4 pixel rgb(42, 48, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 48, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 48, 143);  
box-shadow:4px 4px 4px 4px rgb(42, 48,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 57.0360, 42.3803, -13.1866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 48, 143) }
```

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

```
.background{ background-color: rgb(42, 48,  
143) }
```

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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