

Converting Colors

YUV(58.1420, 65.0060,
-36.9585)

Have a look what the booklet for
YUV(58.1420, 65.0060, -36.9585)
contains.

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Color

**YUV(58.1420, 65.0060,
-36.9585)**

Conversions

Conversions Part 1

Format	Color
Hex	1036BE
RGB	16, 54, 190
RGB Percent	6%, 21%, 75%
CMY	0.9373, 0.7882, 0.2549
CMYK	0.92, 0.72, 0.00, 0.25
HSL	227°, 84%, 40%
HSV	227°, 92%, 75%
XYZ	10.8271, 6.4662, 49.3926
YIQ	58.1420, -66.3040, 34.2400

Conversions

Conversions Part 2

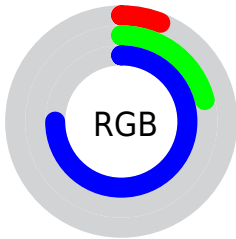
Format	Color
R _Y B	16, 47, 190
Decimal	1062590
CIE Lab	30.56, 41.69, -73.40
CIE LCh	31, 84.413, 299.598
Yxy	6.4662, 0.1624, 0.0970
Android (android.graphics.Color)	4279252670 (0xFF1036BE)
YUV	58.1420, 65.0060, -36.9585
Hunter-Lab	25.4287, 31.5020, -97.3646

Details

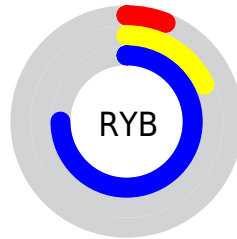
The YUV color **58.1420, 65.0060, -36.9585** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **147.8580, -65.0060, 36.9585**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.0570, 64.0619, -14.0820**, and **23.0210, 55.2056, -20.1894** is the 20% darker color. If you saturate the color by 10%, you get **45.7270, 71.1266, -40.1026**, and if you desaturate by 10%, it is **72.6280, 57.8644, -32.9998**.

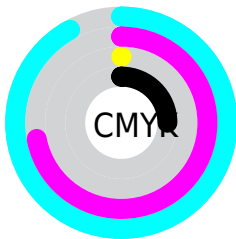
Distribution



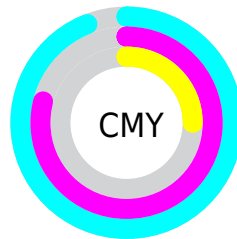
- Red (6%)
- Green (21%)
- Blue (75%)



- Red (6%)
- Yellow (18%)
- Blue (75%)



- Cyan (92%)
- Magenta (72%)
- Yellow (0%)
- Black (25%)



- Cyan (94%)
- Magenta (79%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.1420, 65.0060, -36.9585 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 58.1420, 65.0060, -36.9585 by changing the saturation by 10% instead.

■ 58.1420, 65.0060,
-36.9585

■ 58.1420, 65.0060,
-36.9585

■ 255.0000, 0.0000,
0.0000

■ 37.2520, 61.5008,
-32.6700

■ 118.0570, 64.0619,
-14.0820

■ 23.0210, 55.2056,
-20.1894

■ 142.7990, 55.3151,
-8.5937

■ 12.4260, 47.6110,
-10.8976

■ 167.3300, 43.2213,
-2.9204

■ 15.9190, 33.0709,
-13.9610

■ 192.1490, 30.9855,
1.6233

■ 10.2480, 24.0347,
-8.9875

■ 217.8540, 18.3130,
6.2670

■ 5.3920, 15.5827,
-4.7288

■ 243.2600, 5.7878,

■ 2.0690, 5.3890,

10.2960

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 58.1420, 65.0060,
-36.9585

■ 58.1420, 65.0060,
-36.9585

■ 45.7270, 71.1266,
-40.1026

■ 72.6280, 57.8644,
-32.9998

■ 87.1140, 50.7228,
-29.0410

■ 101.6000, 43.5812,
-25.0822

■ 115.4990, 36.7290,
-20.6086

■ 129.9850, 29.5874,
-16.6498

■ 144.4710, 22.4458,
-12.6911

■ 158.9570, 15.3042,
-8.7323

■ 173.4430, 8.1626,
-4.7735

■ 187.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



72.4330, 66.8345, -63.5237



58.1420, 65.0060, -36.9585



59.0160, 39.9251, 74.5310

Triad

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



58.1420, 65.0060, -36.9585



60.6330, -29.8921, 67.8509



63.0440, 2.9363, -55.2896

Complementary

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



58.1420, 65.0060, -36.9585



147.8580, -65.0060, 36.9585

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.



54.0040, -26.6240, -47.3615



58.1420, 65.0060, -36.9585



68.0000, -33.5240, 19.2940

Square

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



58.1420, 65.0060, -36.9585



52.1980, -19.8176, 103.3124



49.8950, -24.5982, -43.7579



71.9700, 32.0598, -63.1177

Rectangle

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



58.1420, 65.0060, -36.9585



62.0020, 17.7470, 94.7142



49.8950, -24.5982, -43.7579



60.4220, -7.1100, -52.9901

Sweetspot

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



58.1420, 65.0060, -36.9585



196.7420, 24.7772, -13.8057



133.3000, 7.7401, -102.8721



94.8430, 14.8674, -8.6323



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



58.1420, 65.0060, -36.9585



59.8560, 92.2620, -52.4937



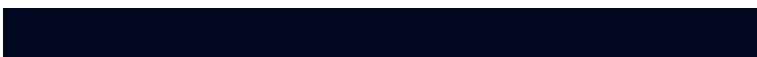
49.5900, 69.2221, 10.8836



87.2000, 3.3524, -1.9294



38.5570, 58.8854, -33.8145



7.6430, 11.5150, -6.7029

Inverse Universe

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



72.3580, -9.0505, 103.1720



80.0090, -12.8224, 146.4511



156.4100, -69.2221, -10.8836



87.9190, -0.4531, 5.3330



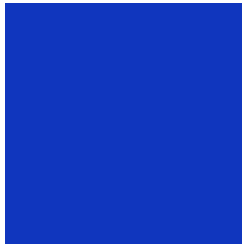
51.2320, -8.0024, 93.6355



10.0670, -1.5120, 18.3582

Previews

White Background



This preview shows how the YUV color 58.1420, 65.0060, -36.9585 looks on a white background.

Color Contrast Check

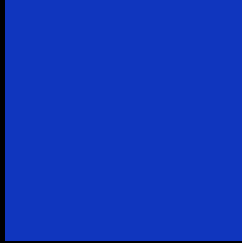
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.1420, 65.0060, -36.9585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

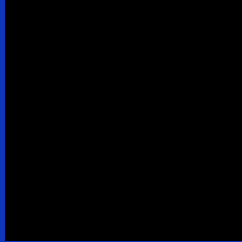
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.1420, 65.0060, -36.9585

Background



This preview shows how black text looks on a background with the YUV color 58.1420, 65.0060, -36.9585.



This preview shows how white text looks on a background with the YUV color 58.1420, 65.0060,

-36.9585.

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

58.1420, 65.0060, -36.9585

Protanopia

57.1470, 43.8045, -50.1179

Deuteranopia

57.5740, 32.7480, -50.4924



Tritanopia

56.5360, 13.5398, -49.5821

Trichromacy



Original Color

58.1420, 65.0060, -36.9585

Protanomaly

57.8300, 51.3558, -45.4549

Deuteranomaly

57.9950, 44.3725, -45.5996

Tritanomaly

57.4930, 32.2950, -45.1594

Monochromacy



Original Color

58.1420, 65.0060, -36.9585

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.4000, 23.4668, -13.5058

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.1420, 65.0060, -36.9585 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(16, 54, 190)` looks like.

```
.text, #text, p{  
    color:rgb(16, 54, 190)  
}
```

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(16, 54, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 54, 190) }
```

Border

The CSS property to change the border of an element to YUV 58.1420, 65.0060, -36.9585 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(16, 54, 190) }
```


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

```
.border{ border-color:rgb(16, 54, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 54, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 54, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 54, 190);  
box-shadow:4px 4px 4px 4px rgb(16, 54,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 58.1420, 65.0060, -36.9585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 54, 190) }
```

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

```
.background{ background-color: rgb(16, 54,  
190) }
```

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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