

Converting Colors

YUV(71.9780, 67.0588,
-42.0767)

Have a look what the booklet for
YUV(71.9780, 67.0588, -42.0767)
contains.

YUV(71.9780, 67.0588, -42.0767)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(71.9780, 67.0588,
-42.0767)**

Conversions

Conversions Part 1

Format	Color
Hex	1846D0
RGB	24, 70, 208
RGB Percent	9%, 27%, 82%
CMY	0.9059, 0.7255, 0.1843
CMYK	0.88, 0.66, 0.00, 0.18
HSL	225°, 79%, 45%
HSV	225°, 88%, 82%
XYZ	13.9520, 9.1286, 60.7011
YIQ	71.9780, -71.7140, 33.1660

Conversions

Conversions Part 2

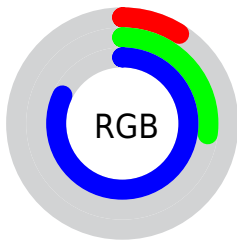
Format	Color
R_{YB}	24, 61, 208
Decimal	1590992
CIE _{Lab}	36.23, 38.62, -74.55
CIE _{LCh}	36, 83.963, 297.388
Yxy	9.1286, 0.1665, 0.1090
Android (android.graphics.Color)	4279781072 (0xFF1846D0)
YUV	71.9780, 67.0588, -42.0767
Hunter-Lab	30.2135, 29.5541, -97.9684

Details

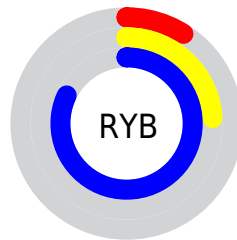
The YUV color **71.9780, 67.0588, -42.0767** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **160.0220, -67.0588, 42.0767**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.6280, 61.3154, -19.8448**, and **33.7640, 58.2903, -29.6110** is the 20% darker color. If you saturate the color by 10%, you get **56.3070, 74.7846, -46.7502**, and if you desaturate by 10%, it is **87.6490, 59.3330, -37.4032**.

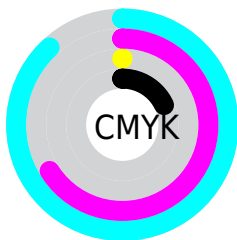
Distribution



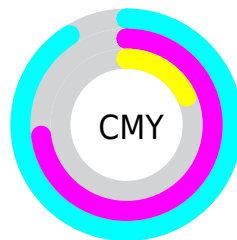
- Red (9%)
- Green (27%)
- Blue (82%)



- Red (9%)
- Yellow (24%)
- Blue (82%)



- Cyan (88%)
- Magenta (66%)
- Yellow (0%)
- Black (18%)



- Cyan (91%)
- Magenta (73%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.9780, 67.0588, -42.0767 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 71.9780, 67.0588, -42.0767 by changing the saturation by 10% instead.

■ 71.9780, 67.0588,
-42.0767

■ 71.9780, 67.0588,
-42.0767

■ 255.0000, 0.0000,
0.0000

■ 48.6960, 64.7329,
-42.7064

■ 130.6280, 61.3154,
-19.8448

■ 33.7640, 58.2903,
-29.6110

■ 155.4580, 49.0742,
-13.5567

■ 20.1200, 51.7058,
-17.6452

■ 179.9890, 36.9804,
-7.8834

■ 11.4000, 43.6798,
-9.9978

■ 205.6940, 24.3079,
-3.2396

■ 13.7190, 29.7185,
-12.0316

■ 231.3990, 11.6353,
1.4041

■ 8.1620, 21.1191,
-7.1581

■ 254.4130, 0.2894,

■ 4.4800, 12.0884,

0.5148

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 71.9780, 67.0588,
-42.0767

■ 71.9780, 67.0588,
-42.0767

■ 56.3070, 74.7846,
-46.7502

■ 87.6490, 59.3330,
-37.4032

■ 54.2360, 75.8057,
-47.5650

■ 102.7330, 51.8966,
-32.2148

■ 118.1050, 44.3182,
-28.1561

■ 133.1890, 36.8818,
-22.9678

■ 148.8600, 29.1560,
-18.2942

■ 164.5310, 21.4302,
-13.6207

■ 179.6150, 13.9938,
-8.4324

■ 194.9870, 6.4154,
-4.3736

■ 210.0710, -1.0210,
0.8147

Harmonies

Analogous

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



83.0620, 69.4824, -72.8454



71.9780, 67.0588, -42.0767



64.4710, 46.6028, 79.3939

Triad

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



71.9780, 67.0588, -42.0767



73.3690, -36.1709, 75.0984



72.7610, 2.0898, -63.8114

Complementary

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



71.9780, 67.0588, -42.0767



160.0220, -67.0588, 42.0767

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.



62.2220, -30.6754, -54.5687



71.9780, 67.0588, -42.0767



80.4370, -39.6554, 25.9268

Square

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



71.9780, 67.0588, -42.0767



60.1160, -15.3402, 113.9083



68.8880, -33.9618, -27.0888



81.8010, 31.6501, -71.7395

Rectangle

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



71.9780, 67.0588, -42.0767



68.6530, 23.8351, 102.0363



68.8880, -33.9618, -27.0888



70.0250, -8.3933, -61.4119

Sweetspot

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



71.9780, 67.0588, -42.0767



203.8450, 25.2194, -15.6501



147.7400, 7.0302, -108.5200



97.5440, 15.0148, -9.2471



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



71.9780, 67.0588, -42.0767



66.6380, 92.8625, -58.4415



58.7300, 73.5901, 9.8838



97.0150, 3.9366, -2.6442



43.8060, 61.2276, -38.4179



10.5440, 15.0148, -9.2471

Inverse Universe

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



84.2600, -7.0302, 108.5200



83.5410, -9.6337, 150.3695



173.2700, -73.5901, -9.8838



97.6310, -0.3111, 6.4626



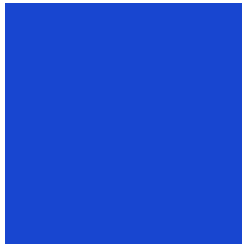
55.0200, -6.4189, 99.0835



13.3990, -1.6757, 24.2061

Previews

White Background



This preview shows how the YUV color 71.9780, 67.0588, -42.0767 looks on a white background.

Color Contrast Check

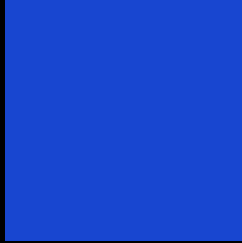
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.9780, 67.0588, -42.0767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

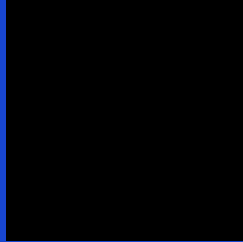
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.9780, 67.0588, -42.0767

Background



This preview shows how black text looks on a background with the YUV color 71.9780, 67.0588, -42.0767.



This preview shows how white text looks on a background with the YUV color 71.9780, 67.0588, -42.0767.

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

71.9780, 67.0588, -42.0767

Protanopia

67.7420, 51.3992, -59.4097

Deuteranopia

67.8270, 39.0323, -59.4843



Tritanopia

66.4640, 16.0402, -58.2889

Trichromacy



Original Color

71.9780, 67.0588, -42.0767

Protanomaly

69.5670, 56.9085, -53.1173

Deuteranomaly

69.5040, 49.0515, -53.0620

Tritanomaly

68.4320, 34.7900, -52.1219

Monochromacy



Original Color

71.9780, 67.0588, -42.0767

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.9160, 24.1984, -14.8353

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.9780, 67.0588, -42.0767 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(24, 70, 208)` looks like.

```
.text, #text, p{  
    color:rgb(24, 70, 208)  
}
```

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(24, 70, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 70, 208) }
```

Border

The CSS property to change the border of an element to YUV 71.9780, 67.0588, -42.0767 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(24, 70, 208) }
```


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

```
.border{ border-color:rgb(24, 70, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 70, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 70, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 70, 208);  
box-shadow:4px 4px 4px 4px rgb(24, 70,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 71.9780, 67.0588, -42.0767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 70, 208) }
```

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

```
.background{ background-color: rgb(24, 70,  
208) }
```

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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