

Converting Colors

YUV(72.1180, 71.4268,
-43.0765)

Have a look what the booklet for
YUV(72.1180, 71.4268, -43.0765)
contains.

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Color

**YUV(72.1180, 71.4268,
-43.0765)**

Conversions

Conversions Part 1

Format	Color
Hex	1745D9
RGB	23, 69, 217
RGB Percent	9%, 27%, 85%
CMY	0.9098, 0.7294, 0.1490
CMYK	0.89, 0.68, 0.00, 0.15
HSL	226°, 81%, 47%
HSV	226°, 89%, 85%
XYZ	15.0059, 9.4482, 66.6784
YIQ	72.1180, -74.9240, 36.2760

Conversions

Conversions Part 2

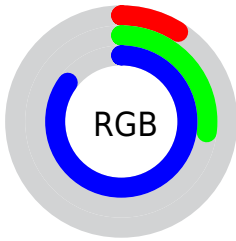
Format	Color
R_{YB}	23, 60, 217
Decimal	1525209
CIE _{Lab}	36.83, 42.51, -78.75
CIE _{LCh}	37, 89.488, 298.360
Yxy	9.4482, 0.1647, 0.1037
Android (android.graphics.Color)	4279715289 (0xFF1745D9)
YUV	72.1180, 71.4268, -43.0765
Hunter-Lab	30.7379, 33.3503, -107.0990

Details

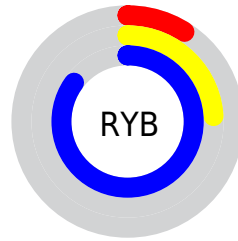
The YUV color **72.1180, 71.4268, -43.0765** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **167.8820, -71.4268, 43.0765**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.6390, 61.3100, -18.1004**, and **33.6160, 62.8003, -29.4812** is the 20% darker color. If you saturate the color by 10%, you get **55.5610, 79.5894, -47.8500**, and if you desaturate by 10%, it is **88.6750, 63.2642, -38.3030**.

Distribution



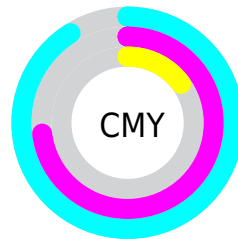
- Red (9%)
- Green (27%)
- Blue (85%)



- Red (9%)
- Yellow (24%)
- Blue (85%)



- Cyan (89%)
- Magenta (68%)
- Yellow (0%)
- Black (15%)



- Cyan (91%)
- Magenta (73%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.1180, 71.4268, -43.0765 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 72.1180, 71.4268, -43.0765 by changing the saturation by 10% instead.

■ 72.1180, 71.4268,
-43.0765

■ 72.1180, 71.4268,
-43.0765

255.0000, 0.0000,
0.0000

■ 49.1350, 68.9534,
-43.0914

■ 130.6390, 61.3100,
-18.1004

■ 33.6160, 62.8003,
-29.4812

■ 155.7680, 48.9214,
-11.1975

■ 20.5590, 55.9264,
-18.0302

■ 180.8860, 36.5382,
-6.0390

■ 12.1980, 46.7374,
-10.6976

■ 206.3030, 24.0076,
-0.2657

■ 15.8050, 32.6341,
-13.8610

■ 232.0080, 11.3351,
4.3780

■ 9.5470, 23.8873,
-8.3727

254.4130, 0.2894,

■ 5.1640, 14.7091,

0.5148

-4.5288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 72.1180, 71.4268,
-43.0765

■ 72.1180, 71.4268,
-43.0765

■ 55.5610, 79.5894,
-47.8500

■ 88.6750, 63.2642,
-38.3030

■ 54.6750, 80.0262,
-47.9500

■ 104.3460, 55.5384,
-33.6294

■ 120.9030, 47.3758,
-28.8559

■ 136.8730, 39.5026,
-23.5676

■ 153.4300, 31.3400,
-18.7941

■ 169.1010, 23.6142,
-14.1206

■ 185.6580, 15.4516,
-9.3471

■ 201.6280, 7.5784,
-4.0588

■ 217.8860, -0.4368,
0.1000

Harmonies

Analogous

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



85.4900, 73.7084, -74.9747



72.1180, 71.4268, -43.0765



67.4330, 47.6075, 83.8123

Triad

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



72.1180, 71.4268, -43.0765



73.9780, -36.4712, 78.0723



74.9780, 2.9688, -65.7557

Complementary

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



72.1180, 71.4268, -43.0765



167.8820, -71.4268, 43.0765

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.



63.9830, -31.5436, -56.1131



72.1180, 71.4268, -43.0765



81.6110, -40.2342, 24.8972

Square

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



72.1180, 71.4268, -43.0765



61.6390, -18.5560, 118.7116



67.6590, -33.3559, -34.7809



83.8870, 34.5657, -73.5689

Rectangle

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



72.1180, 71.4268, -43.0765



71.4580, 22.9452, 107.4693



67.6590, -33.3559, -34.7809



71.4270, -8.0985, -62.6415

Sweetspot

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



72.1180, 71.4268, -43.0765



203.2580, 25.5088, -15.1353



153.5220, 7.6307, -114.4678



96.9570, 15.3042, -8.7323



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.



72.1180, 71.4268, -43.0765



64.2900, 94.0200, -56.3823



59.4680, 77.6633, 10.1136



101.4280, 4.2260, -2.1294



43.7890, 63.7010, -38.4030



11.7010, 16.9094, -10.2618

Inverse Universe

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



86.2500, -8.5043, 114.6677



83.0850, -11.3809, 150.7695



180.5320, -77.6633, -10.1136



102.5170, -0.7479, 6.5626



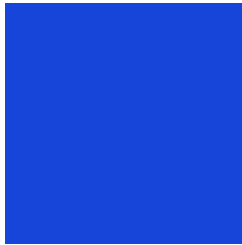
56.4010, -7.5927, 102.2573



15.0080, -1.9759, 27.1800

Previews

White Background



This preview shows how the YUV color 72.1180, 71.4268, -43.0765 looks on a white background.

Color Contrast Check

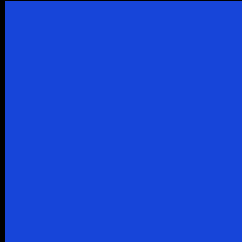
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.1180, 71.4268, -43.0765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

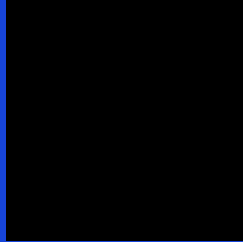
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.1180, 71.4268, -43.0765

Background



This preview shows how black text looks on a background with the YUV color 72.1180, 71.4268, -43.0765.



This preview shows how white text looks on a background with the YUV color 72.1180, 71.4268, -43.0765.

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

72.1180, 71.4268, -43.0765

Protanopia

68.6710, 52.4202, -60.2245

Deuteranopia

69.2290, 39.3271, -60.7138



Tritanopia

67.8660, 16.3351, -59.5185

Trichromacy



Original Color

72.1180, 71.4268, -43.0765

Protanomaly

69.8380, 59.2399, -54.2319

Deuteranomaly

70.3620, 51.0935, -54.6915

Tritanomaly

69.1760, 36.3952, -53.6514

Monochromacy



Original Color

72.1180, 71.4268, -43.0765

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.0730, 26.0930, -15.8500

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.1180, 71.4268, -43.0765 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(23, 69, 217)` looks like.

```
.text, #text, p{  
    color:rgb(23, 69, 217)  
}
```

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(23, 69, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 69, 217) }
```

Border

The CSS property to change the border of an element to YUV 72.1180, 71.4268, -43.0765 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(23, 69, 217) }
```


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

```
.border{ border-color:rgb(23, 69, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 69, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 69, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 69, 217);  
box-shadow:4px 4px 4px 4px rgb(23, 69,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 72.1180, 71.4268, -43.0765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 69, 217) }
```

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

```
.background{ background-color: rgb(23, 69,  
217) }
```

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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