

Converting Colors

YUV(85.1030, 47.2772,
-43.9403)

Have a look what the booklet for
YUV(85.1030, 47.2772, -43.9403)
contains.

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Color

**YUV(85.1030, 47.2772,
-43.9403)**

Conversions

Conversions Part 1

Format	Color
Hex	235CB5
RGB	35, 92, 181
RGB Percent	14%, 36%, 71%
CMY	0.8627, 0.6392, 0.2902
CMYK	0.81, 0.49, 0.00, 0.29
HSL	217°, 68%, 42%
HSV	217°, 81%, 71%
XYZ	12.8608, 11.3478, 45.2286
YIQ	85.1030, -62.5410, 15.5950

Conversions

Conversions Part 2

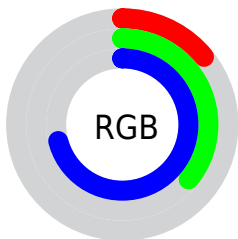
Format	Color
R_{YB}	35, 76, 181
Decimal	2317493
CIE _{Lab}	40.16, 14.62, -52.40
CIE _{LCh}	40, 54.401, 285.592
Yxy	11.3478, 0.1852, 0.1634
Android (android.graphics.Color)	4280507573 (0xFF235CB5)
YUV	85.1030, 47.2772, -43.9403
Hunter-Lab	33.6865, 9.1960, -56.0241

Details

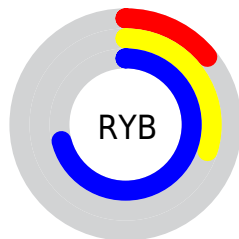
The YUV color **85.1030, 47.2772, -43.9403** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **130.8970, -47.2772, 43.9403**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.5820, 47.5341, -32.9594**, and **42.0670, 41.8720, -36.8928** is the 20% darker color. If you saturate the color by 10%, you get **73.2640, 53.1138, -49.3435**, and if you desaturate by 10%, it is **96.9420, 41.4406, -38.5371**.

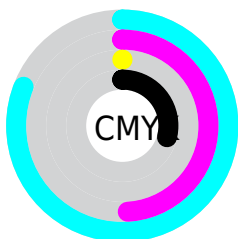
Distribution



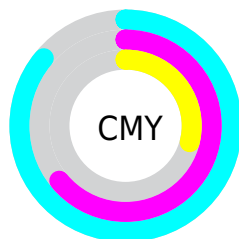
- Red (14%)
- Green (36%)
- Blue (71%)



- Red (14%)
- Yellow (30%)
- Blue (71%)



- Cyan (81%)
- Magenta (49%)
- Yellow (0%)
- Black (29%)



- Cyan (86%)
- Magenta (64%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.1030, 47.2772, -43.9403 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 85.1030, 47.2772, -43.9403 by changing the saturation by 10% instead.

■ 85.1030, 47.2772,
-43.9403

■ 85.1030, 47.2772,
-43.9403

255.0000, 0.0000,
0.0000

■ 58.0590, 47.2989,
-50.9177

■ 141.5820, 47.5341,
-32.9594

■ 42.0670, 41.8720,
-36.8928

■ 167.7520, 43.0133,
-29.6005

■ 28.0640, 36.4504,
-24.6121

■ 192.2720, 30.9249,
-25.6715

■ 8.7780, 33.6334,
-7.6983

■ 217.6780, 18.3997,
-21.6426

■ 8.9770, 21.7033,
-7.8728

■ 242.7850, 6.0220,
-18.2284

■ 4.7080, 12.9620,
-4.1289

254.4020, 0.2948,

■ 0.2280, 0.8736,

-1.2296

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 85.1030, 47.2772,
-43.9403

■ 85.1030, 47.2772,
-43.9403

■ 73.2640, 53.1138,
-49.3435

■ 96.9420, 41.4406,
-38.5371

■ 62.3110, 58.5137,
-54.6467

■ 108.7810, 35.6040,
-33.1339

■ 120.6200, 29.7673,
-27.7307

■ 132.4590, 23.9307,
-22.3275

■ 144.5970, 17.9467,
-16.3096

■ 156.4360, 12.1101,
-10.9064

■ 168.2750, 6.2734,
-5.5032

■ 180.1140, 0.4368,
-0.1000

■ 191.9530, -5.3998,
5.3032

Harmonies

Analogous

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



82.8560, 48.3850, -72.6647



85.1030, 47.2772, -43.9403



96.9500, 29.6047, 24.5999

Triad

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



85.1030, 47.2772, -43.9403



89.3550, -28.2760, 62.8327



74.4250, -1.6885, -65.2707

Complementary

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



85.1030, 47.2772, -43.9403



130.8970, -47.2772, 43.9403

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.



77.8960, -26.0777, -35.8658



85.1030, 47.2772, -43.9403



89.3630, -44.0560, 37.3926

Square

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



85.1030, 47.2772, -43.9403



87.7520, -6.7797, 74.7625



86.5070, -42.6480, 5.6944



80.8430, 17.8254, -70.8993

Rectangle

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



85.1030, 47.2772, -43.9403



93.9660, 18.7508, 52.6498



86.5070, -42.6480, 5.6944



72.1280, -7.9511, -63.2563

Sweetspot

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



85.1030, 47.2772, -43.9403



197.4120, 18.5309, -17.0243



130.7340, -3.8129, -83.9587



95.0940, 10.7997, -10.6064



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



85.1030, 47.2772, -43.9403



85.2350, 73.8341, -68.6121



56.1290, 61.5614, -5.3751



83.3740, 2.7736, -2.9590



52.6620, 49.4666, -46.1846



8.8340, 8.4628, -7.7474

Inverse Universe

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



85.1520, 3.3761, 84.0587



85.3180, 5.2662, 131.2711



159.8710, -61.5614, 5.3751



83.1470, 0.4205, 5.1331



52.5870, 3.6546, 88.0622



8.9140, 0.5354, 14.9844

Previews

White Background



This preview shows how the YUV color 85.1030, 47.2772, -43.9403 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 × Fail

Black Background



This preview shows how the YUV color 85.1030, 47.2772, -43.9403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

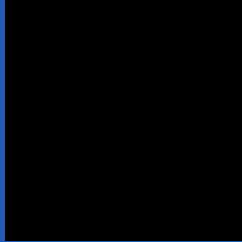
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.1030, 47.2772, -43.9403

Background



This preview shows how black text looks on a background with the YUV color 85.1030, 47.2772, -43.9403.



This preview shows how white text looks on a background with the YUV color 85.1030, 47.2772, -43.9403.

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

85.1030, 47.2772, -43.9403

Protanopia

87.0930, 45.8032, -37.7926

Deuteranopia

75.5040, 45.6005, -66.2170



Tritanopia

74.4030, 18.5353, -65.2514

Trichromacy



Original Color

85.1030, 47.2772, -43.9403

Protanomaly

86.1960, 46.2454, -39.6369

Deuteranomaly

79.3740, 46.1576, -58.2100

Tritanomaly

78.2050, 28.9859, -57.1848

Monochromacy



Original Color

85.1030, 47.2772, -43.9403

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.3690, 17.0731, -16.1096

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.1030, 47.2772, -43.9403 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(35, 92, 181)` looks like.

```
.text, #text, p{  
    color:rgb(35, 92, 181)  
}
```

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(35, 92, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 92, 181) }
```

Border

The CSS property to change the border of an element to YUV 85.1030, 47.2772, -43.9403 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(35, 92, 181) }
```


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

```
.border{ border-color:rgb(35, 92, 181) }
```

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

Here you see how a box with a 4 pixel rgb(35, 92, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 92, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 92, 181);  
box-shadow:4px 4px 4px 4px rgb(35, 92,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 85.1030, 47.2772, -43.9403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 92, 181) }
```

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

```
.background{ background-color: rgb(35, 92,  
181) }
```

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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