

Converting Colors

YUV(48.4560, 89.0082,
-35.4799)

Have a look what the booklet for
YUV(48.4560, 89.0082, -35.4799)
contains.

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Color

**YUV(48.4560, 89.0082,
-35.4799)**

Conversions

Conversions Part 1

Format	Color
Hex	0822E5
RGB	8, 34, 229
RGB Percent	3%, 13%, 90%
CMY	0.9686, 0.8667, 0.1020
CMYK	0.97, 0.85, 0.00, 0.10
HSL	233°, 93%, 46%
HSV	233°, 97%, 90%
XYZ	14.8150, 6.8528, 74.6706
YIQ	48.4560, -78.0910, 55.1330

Conversions

Conversions Part 2

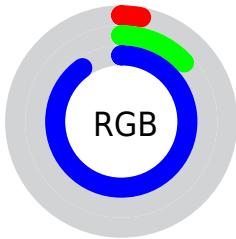
Format	Color
R _Y B	8, 31, 229
Decimal	533221
CIE Lab	31.47, 64.48, -94.53
CIE LCh	31, 114.423, 304.298
Yxy	6.8528, 0.1538, 0.0711
Android (android.graphics.Color)	4278723301 (0xFF0822E5)
YUV	48.4560, 89.0082, -35.4799
Hunter-Lab	26.1779, 55.2083, -150.7961

Details

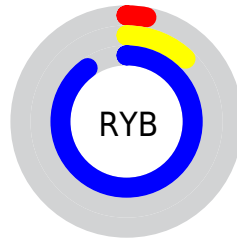
The YUV color **48.4560, 89.0082, -35.4799** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **188.5440, -89.0082, 35.4799**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.7520, 70.1283, 0.2175**, and **19.6080, 75.1293, -17.1962** is the 20% darker color. If you saturate the color by 10%, you get **41.9550, 92.2132, -36.7945**, and if you desaturate by 10%, it is **67.0730, 79.8300, -31.6360**.

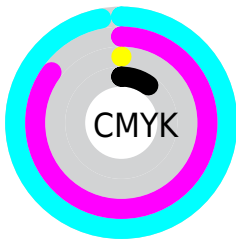
Distribution



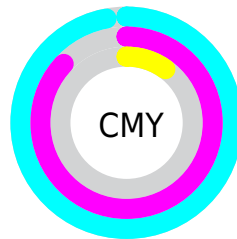
- Red (3%)
- Green (13%)
- Blue (90%)



- Red (3%)
- Yellow (12%)
- Blue (90%)



- Cyan (97%)
- Magenta (85%)
- Yellow (0%)
- Black (10%)



- Cyan (97%)
- Magenta (87%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.4560, 89.0082, -35.4799 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 48.4560, 89.0082, -35.4799 by changing the saturation by 10% instead.

■ 48.4560, 89.0082,
-35.4799

■ 48.4560, 89.0082,
-35.4799

■ 255.0000, 0.0000,
0.0000

■ 24.5610, 86.4914,
-21.5400

■ 112.7520, 70.1283,
0.2175

■ 19.6080, 75.1293,
-17.1962

■ 138.4790, 57.4449,
8.3499

■ 16.4160, 62.8989,
-14.3968

■ 164.1950, 44.7669,
14.7380

■ 13.9250, 50.8160,
-12.2122

■ 189.6120, 32.2363,
20.5113

■ 18.0050, 35.9865,
-15.7904

■ 215.6160, 19.4163,
25.7698

■ 11.7470, 27.2397,
-10.3021

■ 235.0420, 9.8393,

■ 6.7770, 18.3509,

17.5032

-5.9434

252.0650, 1.4470,
2.5740

3.0950, 9.3202,
-2.7143

0.0000, 0.0000,
0.0000

48.4560, 89.0082,
-35.4799

48.4560, 89.0082,
-35.4799

41.9550, 92.2132,
-36.7945

67.0730, 79.8300,
-31.6360

85.6900, 70.6518,
-27.7921

104.8940, 61.1843,
-24.4630

123.5110, 52.0061,
-20.6191

■ 141.8290, 42.9753,
-17.3900

■ 160.4460, 33.7971,
-13.5461

■ 179.0630, 24.6189,
-9.7023

■ 198.2670, 15.1514,
-6.3732

■ 216.8840, 5.9732,
-2.5293

Harmonies

Analogous

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



81.3130, 85.6277, -71.3115



48.4560, 89.0082, -35.4799



71.3760, 40.7336, 95.2632

Triad

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



48.4560, 89.0082, -35.4799



56.8780, -28.0409, 80.7910



68.5040, 8.6255, -60.0780

Complementary

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



48.4560, 89.0082, -35.4799



188.5440, -89.0082, 35.4799

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.



57.5260, -28.3603, -50.4503



48.4560, 89.0082, -35.4799



68.5320, -33.7863, 10.0574

Square

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



48.4560, 89.0082, -35.4799



58.6040, -28.8918, 120.4963



54.5910, -26.9134, -47.8763



80.6390, 47.5060, -70.7204

Rectangle

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



48.4560, 89.0082, -35.4799



73.4350, 11.1245, 118.8905



54.5910, -26.9134, -47.8763



64.2690, -5.0626, -56.3639

Sweetspot

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



48.4560, 89.0082, -35.4799



194.7190, 29.7185, -12.0316



159.6150, 19.9098, -132.9664



91.0650, 18.2090, -7.0730



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.



48.4560, 89.0082, -35.4799



46.6800, 102.7018, -40.9384



57.4130, 84.5924, 27.7018



105.5420, 4.6628, -2.2293



32.7330, 72.1096, -28.7068



9.3360, 20.5404, -8.1877

Inverse Universe

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



77.0430, -21.2202, 133.2663



79.6650, -24.4848, 153.7688



179.5870, -84.5924, -27.7018



106.8160, -0.8953, 7.1774



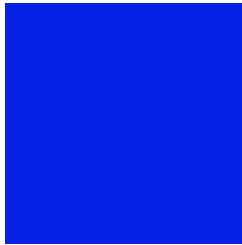
55.9150, -17.2131, 107.9455



15.9330, -4.8970, 30.7538

Previews

White Background



This preview shows how the YUV color 48.4560, 89.0082, -35.4799 looks on a white background.

Color Contrast Check

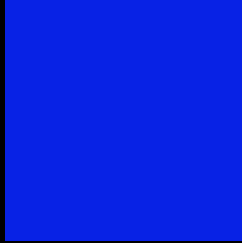
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.4560, 89.0082, -35.4799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

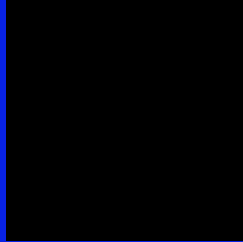
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.4560, 89.0082, -35.4799

Background



This preview shows how black text looks on a background with the YUV color 48.4560, 89.0082, -35.4799.



This preview shows how white text looks on a background with the YUV color 48.4560, 89.0082,

-35.4799.

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

48.4560, 89.0082, -35.4799

Protanopia

58.7770, 44.9729, -51.5474

Deuteranopia

59.0900, 33.4796, -51.8219



Tritanopia

57.9380, 13.8346, -50.8116

Trichromacy



Original Color

48.4560, 89.0082, -35.4799

Protanomaly

55.3490, 60.9599, -45.9101

Deuteranomaly

55.4000, 53.5398, -45.9548

Tritanomaly

54.7840, 41.0255, -45.4146

Monochromacy



Original Color

48.4560, 89.0082, -35.4799

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.1040, 32.4867, -13.2462

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.4560, 89.0082, -35.4799 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(8, 34, 229)` looks like.

```
.text, #text, p{  
    color:rgb(8, 34, 229)  
}
```

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(8, 34, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 34, 229) }
```

Border

The CSS property to change the border of an element to YUV 48.4560, 89.0082, -35.4799 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(8, 34, 229) }
```


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

```
.border{ border-color:rgb(8, 34, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 34, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 34, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 34, 229);  
box-shadow:4px 4px 4px 4px rgb(8, 34, 229)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.4560, 89.0082, -35.4799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 34, 229) }
```

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

```
.background{ background-color: rgb(8, 34,  
229) }
```

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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