

# Converting Colors

YUV(88.4940, 47.5775,  
-46.9142)

Have a look what the booklet for  
YUV(88.4940, 47.5775, -46.9142)  
contains.

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# Color

**YUV(88.4940, 47.5775,  
-46.9142)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2361B9
RGB	35, 97, 185
RGB Percent	14%, 38%, 73%
CMY	0.8627, 0.6196, 0.2745
CMYK	0.81, 0.48, 0.00, 0.27
HSL	215°, 68%, 43%
HSV	215°, 81%, 73%
XYZ	13.7248, 12.4095, 47.5708
YIQ	88.4940, -65.2000, 14.2240

# Conversions

## Conversions Part 2

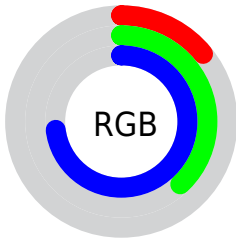
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 79, 185
Decimal	2318777
CIE Lab	41.86, 12.92, -52.00
CIE LCh	42, 53.583, 283.954
Yxy	12.4095, 0.1862, 0.1684
Android (android.graphics.Color)	4280508857 (0xFF2361B9)
YUV	88.4940, 47.5775, -46.9142
Hunter-Lab	35.2271, 7.8977, -55.4065

# Details

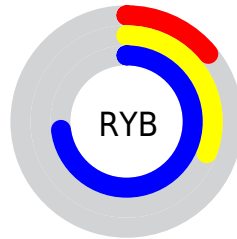
The YUV color **88.4940, 47.5775, -46.9142** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **131.5060, -47.5775, 46.9142**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.2720, 47.6869, -35.3185**, and **45.4580, 42.1722, -39.8667** is the 20% darker color. If you saturate the color by 10%, you get **76.3560, 53.5615, -52.9322**, and if you desaturate by 10%, it is **100.6320, 41.5934, -40.8963**.

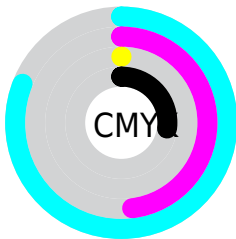
# Distribution



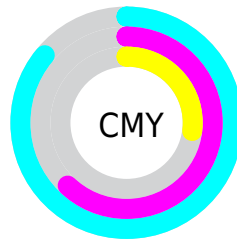
- Red (14%)
- Green (38%)
- Blue (73%)



- Red (14%)
- Yellow (31%)
- Blue (73%)



- Cyan (81%)
- Magenta (48%)
- Yellow (0%)
- Black (27%)



- Cyan (86%)
- Magenta (62%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 88.4940, 47.5775, -46.9142 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 88.4940, 47.5775, -46.9142 by changing the saturation by 10% instead.



■ 88.4940, 47.5775,  
-46.9142

■ 88.4940, 47.5775,  
-46.9142

■ 255.0000, 0.0000,  
0.0000

■ 61.4500, 47.5992,  
-53.8916

■ 145.2720, 47.6869,  
-35.3185

■ 45.4580, 42.1722,  
-39.8667

■ 170.9860, 41.4189,  
-31.5597

■ 30.7540, 36.6033,  
-26.9713

■ 196.0930, 29.0412,  
-28.1456

■ 13.3430, 33.3549,  
-11.7018

■ 221.4990, 16.5160,  
-24.1166

■ 9.4330, 23.4505,  
-8.2727

■ 245.7310, 4.5696,  
-19.0581

■ 5.0500, 14.2723,  
-4.4289

■ 254.7010, 0.1474,

■ 0.9120, 3.4944,

-0.6148

-0.7998

■ 0.0000, 0.0000,  
0.0000

■ 88.4940, 47.5775,  
-46.9142

■ 88.4940, 47.5775,  
-46.9142

■ 76.3560, 53.5615,  
-52.9322

■ 100.6320, 41.5934,  
-40.8963

■ 65.7020, 58.8139,  
-57.6207

■ 112.4710, 35.7568,  
-35.4931

■ 124.3100, 29.9202,  
-30.0899

■ 135.8610, 24.2255,  
-23.5571

■ 147.9990, 18.2415,  
-17.5391

■ 159.8380, 12.4049,  
-12.1359

■ 171.9760, 6.4208,  
-6.1180

■ 183.8150, 0.5842,  
-0.7148

■ 195.9530, -5.3998,  
5.3032

# Harmonies

## Analogous

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



85.5460, 48.5378, -75.0238



88.4940, 47.5775, -46.9142



101.4550, 30.3417, 21.5260

# Triad

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



88.4940, 47.5775, -46.9142



93.9960, -27.1130, 63.1475



77.0010, -1.9725, -67.5299

# Complementary

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



88.4940, 47.5775, -46.9142



131.5060, -47.5775, 46.9142

# 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.



83.8750, -27.5464, -31.4624



88.4940, 47.5775, -46.9142



92.9180, -45.8086, 39.5369

# Square

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



88.4940, 47.5775, -46.9142



92.5670, -6.1955, 74.0477



90.3610, -44.5480, 8.4534



83.4190, 17.5414, -73.1585



# Rectangle

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



88.4940, 47.5775, -46.9142



99.3570, 19.0510, 49.6759



90.3610, -44.5480, 8.4534



74.7040, -8.2351, -65.5154

# Sweetspot

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



88.4940, 47.5775, -46.9142



202.7000, 18.3889, -18.1539



133.0820, -4.9704, -86.0179



97.2080, 11.2365, -10.7064



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

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



88.4940, 47.5775, -46.9142



89.9140, 73.9924, -72.7156



55.9870, 63.6034, -7.0046



85.7870, 3.0630, -2.4442



55.3520, 49.6195, -48.5437



10.2360, 8.7577, -8.9770



# Inverse Universe

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



86.9180, 4.9704, 86.0179



87.6110, 7.5868, 133.6452



164.3120, -63.7508, 7.6194



86.0330, -0.0163, 5.2331



53.9400, 4.9596, 89.5066



9.7400, 1.1142, 16.0140



# Previews

## White Background



This preview shows how the YUV color 88.4940, 47.5775, -46.9142 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 88.4940, 47.5775, -46.9142 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

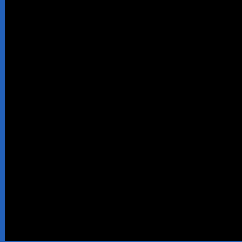
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 88.4940, 47.5775, -46.9142

## Background



This preview shows how black text looks on a background with the YUV color 88.4940, 47.5775, -46.9142.



This preview shows how white text looks on a background with the YUV color 88.4940, 47.5775,



# 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

88.4940, 47.5775, -46.9142

### Protanopia

92.1750, 44.7767, -35.2335

### Deuteranopia

78.7640, 47.9373, -69.0760



## Tritanopia

77.3210, 19.5617, -67.8105

# Trichromacy



## Original Color

88.4940, 47.5775, -46.9142

## Protanomaly

91.0820, 45.8086, -39.5369

## Deuteranomaly

82.4060, 47.6208, -60.8691

## Tritanomaly

81.7100, 29.7230, -60.2587

# Monochromacy



## Original Color

88.4940, 47.5775, -46.9142

## Achromatopsia

88.0000, 0.0000, 0.0000

## Achromatomaly

88.0700, 17.2205, -16.7244

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 88.4940, 47.5775, -46.9142 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, 97, 185)` looks like.

```
.text, #text, p{  
    color:rgb(35, 97, 185)  
}
```

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, 97, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 97, 185) }
```

## Border

The CSS property to change the border of an element to YUV 88.4940, 47.5775, -46.9142 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, 97, 185) }
```



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

```
.border{ border-color:rgb(35, 97, 185) }
```

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

Here you see how a box with a 4 pixel rgb(35, 97, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 97, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 97, 185);  
box-shadow:4px 4px 4px 4px rgb(35, 97,  
185) }
```

# Background

The CSS property to change the background color of an element to YUV 88.4940, 47.5775, -46.9142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 97, 185) }
```

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

```
.background{ background-color: rgb(35, 97,  
185) }
```

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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