

Converting Colors

YUV(107.9430, 43.4121,
-17.4900)

Have a look what the booklet for
YUV(107.9430, 43.4121, -17.4900)
contains.

YUV(107.9430, 43.4121, -17.4900)	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(107.9430, 43.4121,
-17.4900)**

Conversions

Conversions Part 1

Format	Color
Hex	5865C4
RGB	88, 101, 196
RGB Percent	35%, 40%, 77%
CMY	0.6549, 0.6039, 0.2314
CMYK	0.55, 0.48, 0.00, 0.23
HSL	233°, 48%, 56%
HSV	233°, 55%, 77%
XYZ	18.6420, 15.3676, 54.2083
YIQ	107.9430, -38.2430, 26.7890

Conversions

Conversions Part 2

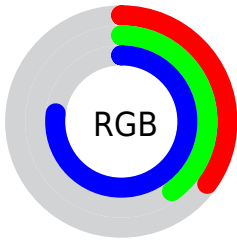
Format	Color
R_{YB}	88, 100, 196
Decimal	5793220
CIE _{Lab}	46.13, 22.69, -51.39
CIE _{LCh}	46, 56.172, 293.823
Yxy	15.3676, 0.2113, 0.1742
Android (android.graphics.Color)	4283983300 (0xFF5865C4)
YUV	107.9430, 43.4121, -17.4900
Hunter-Lab	39.2015, 16.2817, -54.5457

Details

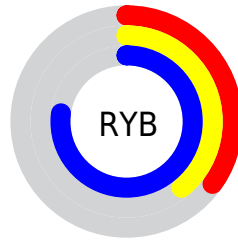
The YUV color **107.9430, 43.4121, -17.4900** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **176.0570, -43.4121, 17.4900**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.4210, 45.1484, -14.4012**, and **54.3390, 42.7239, -30.1153** is the 20% darker color. If you saturate the color by 10%, you get **91.9840, 51.2799, -21.0340**, and if you desaturate by 10%, it is **123.9020, 35.5443, -13.9461**.

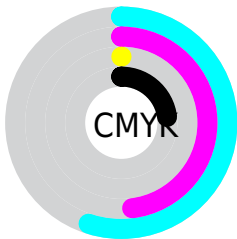
Distribution



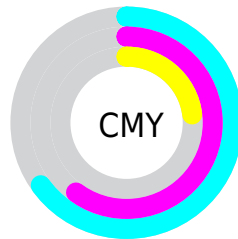
- Red (35%)
- Green (40%)
- Blue (77%)



- Red (35%)
- Yellow (39%)
- Blue (77%)



- Cyan (55%)
- Magenta (48%)
- Yellow (0%)
- Black (23%)



- Cyan (65%)
- Magenta (60%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.9430, 43.4121, -17.4900 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 107.9430, 43.4121, -17.4900 by changing the saturation by 10% instead.

■ 107.9430, 43.4121,
-17.4900

■ 107.9430, 43.4121,
-17.4900

■ 255.0000, 0.0000,
0.0000

■ 81.6930, 42.5494,
-20.7788

■ 161.4210, 45.1484,
-14.4012

■ 54.3390, 42.7239,
-30.1153

■ 185.5820, 34.2231,
-10.1574

■ 33.0680, 40.3925,
-29.0006

■ 210.6890, 21.8453,
-6.7433

■ 19.0650, 34.9710,
-16.7200

■ 235.7960, 9.4676,
-3.3291

■ 8.6980, 28.2499,
-7.6281

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 107.9430, 43.4121,
-17.4900

■ 107.9430, 43.4121,
-17.4900

■ 91.9840, 51.2799,
-21.0340

■ 123.9020, 35.5443,
-13.9461

■ 76.3240, 59.0003,
-23.9631

■ 139.5620, 27.8239,
-11.0169

■ 59.7780, 67.1574,
-26.9923

■ 156.1080, 19.6668,
-7.9877

■ 44.1180, 74.8778,
-29.9215

■ 171.7680, 11.9464,
-5.0585

■ 36.4320, 78.6670,
-31.9509

■ 187.7270, 4.0786,
-1.5146

■ 203.6860, -3.7892,
2.0294

■ 219.9330,
-11.7990, 4.4438

■ 235.8920,
-19.6668, 7.9877

■ 248.2740,
-25.7711, 5.8987

Harmonies

Analogous

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



92.4080, 54.5219, -81.0418



107.9430, 43.4121, -17.4900



111.9410, 26.6511, 38.6397

Triad

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



107.9430, 43.4121, -17.4900



104.6830, -35.8327, 59.9140



87.4820, 5.1854, -76.7217

Complementary

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



107.9430, 43.4121, -17.4900



176.0570, -43.4121, 17.4900

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.



85.9410, -17.7189, -56.9533



107.9430, 43.4121, -17.4900



102.9080, -50.7336, 32.5297

Square

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



107.9430, 43.4121, -17.4900



103.4120, -14.5001, 77.6917



97.6710, -48.1518, -2.3425



93.5410, 25.8623, -82.0355

Rectangle

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



107.9430, 43.4121, -17.4900



107.5930, 14.4977, 63.5009



97.6710, -48.1518, -2.3425



84.9570, -1.9508, -74.5073

Sweetspot

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



107.9430, 43.4121, -17.4900



219.8370, 17.3354, -6.8730



162.1120, 9.8048, -64.9962



106.7250, 10.4886, -4.1438



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.



107.9430, 43.4121, -17.4900



117.8920, 67.5942, -27.0923



112.2720, 41.2779, 13.7935



88.7270, 4.0786, -1.5146



29.5070, 64.8260, -25.8776



6.1100, 13.2568, -5.3585

Inverse Universe

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



121.7740, -10.2416, 65.0962



139.5120, -16.0284, 101.2830



171.7280, -41.2779, -13.7935



90.1040, -1.0373, 6.0478



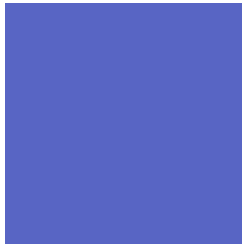
50.3050, -15.4334, 97.0795



10.3230, -3.1172, 19.8877

Previews

White Background



This preview shows how the YUV color 107.9430, 43.4121, -17.4900 looks on a white background.

Color Contrast Check

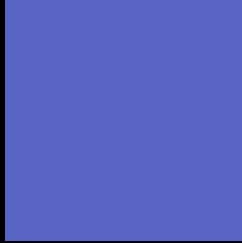
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.9430, 43.4121, -17.4900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

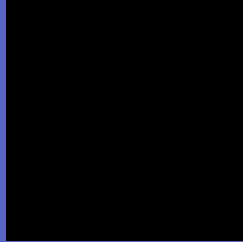
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.9430, 43.4121, -17.4900

Background



This preview shows how black text looks on a background with the YUV color 107.9430, 43.4121, -17.4900.



This preview shows how white text looks on a background with the YUV color 107.9430, 43.4121, -17.4900.

-17.4900.

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

107.9430, 43.4121, -17.4900

Protanopia

103.0760, 48.2765, -37.7777

Deuteranopia

96.2430, 48.1942, -58.0951



Tritanopia

101.9940, 12.3280, -34.1977

Trichromacy



Original Color

107.9430, 43.4121, -17.4900

Protanomaly

104.6640, 46.5076, -30.4003

Deuteranomaly

100.2880, 46.6930, -43.2256

Tritanomaly

104.0130, 23.6576, -28.0754

Monochromacy



Original Color

107.9430, 43.4121, -17.4900

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.7940, 15.8776, -5.9583

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.9430, 43.4121, -17.4900 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(88, 101, 196)` looks like.

```
.text, #text, p{  
    color:rgb(88, 101, 196)  
}
```

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(88, 101, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 101, 196) }
```

Border

The CSS property to change the border of an element to YUV 107.9430, 43.4121, -17.4900 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(88, 101, 196) }
```


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

```
.border{ border-color:rgb(88, 101, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 101, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 101, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 101, 196);  
box-shadow:4px 4px 4px 4px rgb(88, 101,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 107.9430, 43.4121, -17.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 101, 196) }
```

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

```
.background{ background-color: rgb(88, 101,  
196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor