

Converting Colors

YUV(158.0820, 25.5956,
-43.0449)

Have a look what the booklet for
YUV(158.0820, 25.5956, -43.0449)
contains.

YUV(158.0820, 25.5956, -43.0449)	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(158.0820, 25.5956,
-43.0449)**

Conversions

Conversions Part 1

Format	Color
Hex	6DADD2
RGB	109, 173, 210
RGB Percent	43%, 68%, 82%
CMY	0.5725, 0.3216, 0.1765
CMYK	0.48, 0.18, 0.00, 0.18
HSL	202°, 53%, 63%
HSV	202°, 48%, 82%
XYZ	32.8831, 37.7915, 66.5341
YIQ	158.0820, -50.0210, -2.0610

Conversions

Conversions Part 2

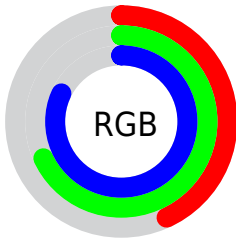
Format	Color
RYB	109, 148, 210
Decimal	7187922
CIELab	67.87, -10.49, -25.12
CIElCh	68, 27.221, 247.338
Yxy	37.7915, 0.2397, 0.2754
Android (android.graphics.Color)	4285378002 (0xFF6DADD2)
YUV	158.0820, 25.5956, -43.0449
Hunter-Lab	61.4748, -12.1005, -21.1372

Details

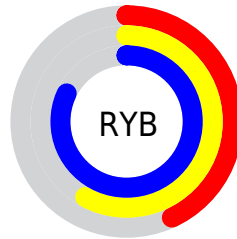
The YUV color **158.0820, 25.5956, -43.0449** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **160.9180, -25.5956, 43.0449**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2410, 21.0802, -41.4304**, and **103.9460, 25.1696, -46.4336** is the 20% darker color. If you saturate the color by 10%, you get **147.1070, 31.0062, -51.8368**, and if you desaturate by 10%, it is **169.0570, 20.1849, -34.2530**.

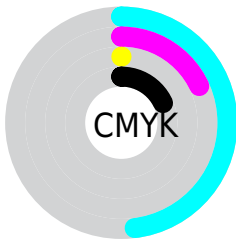
Distribution



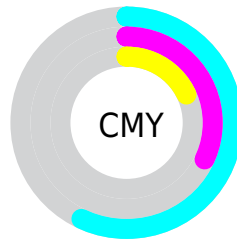
- Red (43%)
- Green (68%)
- Blue (82%)



- Red (43%)
- Yellow (58%)
- Blue (82%)



- Cyan (48%)
- Magenta (18%)
- Yellow (0%)
- Black (18%)



- Cyan (57%)
- Magenta (32%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.0820, 25.5956, -43.0449 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 158.0820, 25.5956, -43.0449 by changing the saturation by 10% instead.

■ 158.0820, 25.5956,
-43.0449

■ 158.0820, 25.5956,
-43.0449

255.0000, 0.0000,
0.0000

■ 130.6690, 25.3062,
-43.5597

■ 212.2410, 21.0802,
-41.4304

■ 103.9460, 25.1696,
-46.4336

■ 236.7610, 8.9918,
-37.5014

■ 74.0480, 27.0913,
-56.1701

■ 245.4320, 4.7170,
-19.6729

■ 54.1200, 24.5908,
-47.4632

254.4020, 0.2948,
-1.2296

■ 38.4700, 20.4743,
-33.7382

■ 23.5210, 16.5051,
-20.6279

■ 5.1640, 14.7091,

-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 158.0820, 25.5956,
-43.0449

■ 158.0820, 25.5956,
-43.0449

■ 147.1070, 31.0062,
-51.8368

■ 169.0570, 20.1849,
-34.2530

■ 136.7190, 36.1275,
-61.1436

■ 179.4450, 15.0636,
-24.9463

■ 125.7440, 41.5382,
-69.9355

■ 190.4200, 9.6529,
-16.1543

■ 114.7690, 46.9489,
-78.7274

■ 201.3950, 4.2423,
-7.3624

■ 104.3810, 52.0702,
-88.0341

■ 211.7830, -0.8790,
1.9443

■ 102.0110, 53.2386,
-89.4636

■ 222.7580, -6.2897,
10.7362

■ 233.4340,
-11.5530, 18.9134

■ 238.1300,
-13.8681, 14.7950

■ 242.2390,
-15.8938, 11.1914

Harmonies

Analogous

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



153.5120, 19.9606, -55.7000



158.0820, 25.5956, -43.0449



164.5950, 24.3567, -18.9388

Triad

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



158.0820, 25.5956, -43.0449



168.5150, -4.1979, 39.8903



160.7650, -17.1391, -9.4409

Complementary

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



158.0820, 25.5956, -43.0449



160.9180, -25.5956, 43.0449

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.



163.7030, -23.0246, 11.6615



158.0820, 25.5956, -43.0449



167.3550, -14.9650, 40.0307

Square

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



158.0820, 25.5956, -43.0449



169.5380, 7.6228, 28.4692



165.4540, -21.9158, 29.4198



157.0210, -5.4334, -30.7134

Rectangle

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



158.0820, 25.5956, -43.0449



167.3800, 20.5187, -1.2103



165.4540, -21.9158, 29.4198



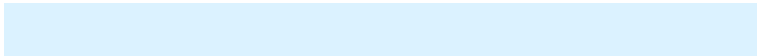
161.7120, -20.0710, -2.3784

Sweetspot

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



158.0820, 25.5956, -43.0449



236.6050, 9.0687, -15.4396



172.2770, -13.9406, -55.4939



116.7260, 5.5581, -9.4067



0.0000, 0.0000, 0.0000



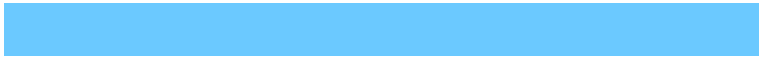
128.0000, 0.0000, 0.0000

Same Dimension

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



158.0820, 25.5956, -43.0449



179.0500, 37.4434, -63.1878



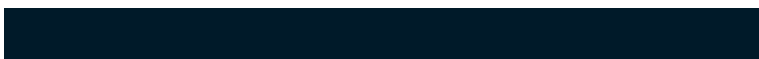
129.3190, 39.7757, -17.8198



99.3630, 2.7790, -4.7034



81.9610, 42.4172, -71.8798



19.9360, 10.3846, -17.4839

Inverse Universe

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



146.4950, 13.0670, 55.6939



161.9680, 19.2428, 81.5891



189.6810, -39.7757, 17.8198



98.0870, 1.4361, 6.0627



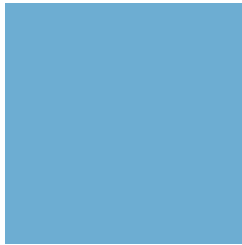
62.4300, 21.9730, 92.5849



15.2230, 5.3131, 22.6064

Previews

White Background



This preview shows how the YUV color 158.0820, 25.5956, -43.0449 looks on a white background.

Color Contrast Check

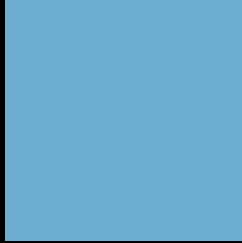
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 158.0820, 25.5956, -43.0449 looks on a black 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

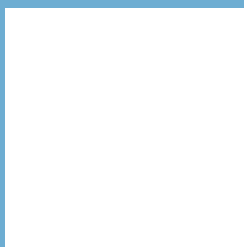
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 158.0820, 25.5956, -43.0449

Background



This preview shows how black text looks on a background with the YUV color 158.0820, 25.5956, -43.0449.

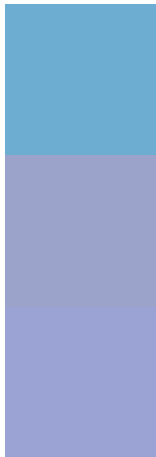


This preview shows how white text looks on a background with the YUV color 158.0820, 25.5956, -43.0449.

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

158.0820, 25.5956, -43.0449

Protanopia

165.1680, 18.6512, -8.9173

Deuteranopia

165.6070, 22.8717, -9.3023



Tritanopia

155.8830, 17.3127, -46.3784

Trichromacy



Original Color

158.0820, 25.5956, -43.0449

Protanomaly

162.7750, 21.3099, -21.7277

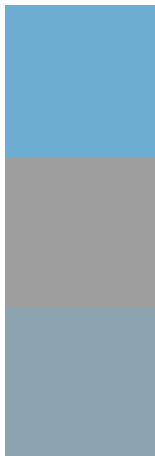
Deuteranomaly

162.7580, 23.7833, -21.7128

Tritanomaly

156.6920, 20.3648, -45.3339

Monochromacy



Original Color

158.0820, 25.5956, -43.0449

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.7190, 9.5055, -15.5396

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.0820, 25.5956, -43.0449 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(109, 173, 210)` looks like.

```
.text, #text, p{  
    color:rgb(109, 173, 210)  
}
```

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(109, 173, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 173, 210) }
```

Border

The CSS property to change the border of an element to YUV 158.0820, 25.5956, -43.0449 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(109, 173, 210) }
```


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

```
.border{ border-color:rgb(109, 173, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 173, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 173, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 173, 210);  
box-shadow:4px 4px 4px 4px rgb(109, 173,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 158.0820, 25.5956, -43.0449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 173, 210) }
```

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

```
.background{ background-color: rgb(109,  
173, 210) }
```

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