

Converting Colors

YUV(124.8810, 40.4847,
-58.6546)

Have a look what the booklet for
YUV(124.8810, 40.4847, -58.6546)
contains.

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Color

**YUV(124.8810, 40.4847,
-58.6546)**

Conversions

Conversions Part 1

Format	Color
Hex	3A8FCF
RGB	58, 143, 207
RGB Percent	23%, 56%, 81%
CMY	0.7725, 0.4392, 0.1882
CMYK	0.72, 0.31, 0.00, 0.19
HSL	206°, 61%, 52%
HSV	206°, 72%, 81%
XYZ	22.8299, 25.0495, 62.6632
YIQ	124.8810, -71.2040, 1.8840

Conversions

Conversions Part 2

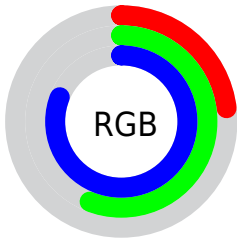
Format	Color
R _Y B	58, 112, 207
Decimal	3837903
CIE Lab	57.12, -4.38, -40.28
CIE LCh	57, 40.522, 263.794
Yxy	25.0495, 0.2065, 0.2266
Android (android.graphics.Color)	4282027983 (0xFF3A8FCF)
YUV	124.8810, 40.4847, -58.6546
Hunter-Lab	50.0494, -6.1644, -39.1981

Details

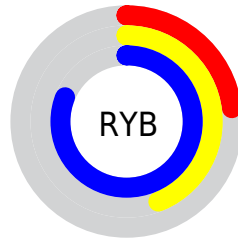
The YUV color **124.8810, 40.4847, -58.6546** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **140.1190, -40.4847, 58.6546**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.4860, 36.2424, -51.2922**, and **71.9190, 39.4799, -63.0730** is the 20% darker color. If you saturate the color by 10%, you get **113.3190, 46.1847, -66.9318**, and if you desaturate by 10%, it is **136.4430, 34.7846, -50.3775**.

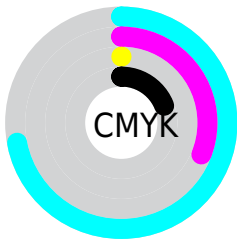
Distribution



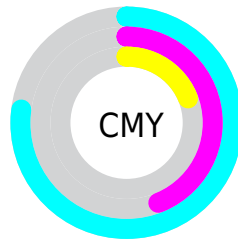
- Red (23%)
- Green (56%)
- Blue (81%)



- Red (23%)
- Yellow (44%)
- Blue (81%)



- Cyan (72%)
- Magenta (31%)
- Yellow (0%)
- Black (19%)



- Cyan (77%)
- Magenta (44%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.8810, 40.4847, -58.6546 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 124.8810, 40.4847, -58.6546 by changing the saturation by 10% instead.

■ 124.8810, 40.4847,
-58.6546

■ 124.8810, 40.4847,
-58.6546

■ 255.0000, 0.0000,
0.0000

■ 89.6720, 44.0387,
-78.6423

■ 181.4860, 36.2424,
-51.2922

■ 71.9190, 39.4799,
-63.0730

■ 206.3050, 24.0066,
-46.7485

■ 55.4540, 34.7792,
-48.6332

■ 231.9990, 11.3395,
-43.8491

■ 39.6900, 30.2258,
-34.8081

■ 242.1430, 6.3385,
-26.4354

■ 25.1000, 25.0937,
-22.0127

■ 251.4120, 1.7689,
-7.3773

■ 8.9770, 21.7033,
-7.8728

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 124.8810, 40.4847,
-58.6546

■ 124.8810, 40.4847,
-58.6546

■ 113.3190, 46.1847,
-66.9318

■ 136.4430, 34.7846,
-50.3775

■ 102.0560, 51.7374,
-74.5941

■ 147.7060, 29.2319,
-42.7152

■ 92.8640, 56.2690,
-81.4417

■ 159.2680, 23.5319,
-34.4380

■ 170.8300, 17.8318,
-26.1609

■ 181.8050, 12.4211,
-17.3690

■ 193.0680, 6.8685,
-9.7066

■ 204.6300, 1.1684,
-1.4295

■ 216.1920, -4.5317,
6.8476

■ 227.4550,
-10.0843, 14.5100

Harmonies

Analogous

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



110.6390, 40.6040, -97.0304



124.8810, 40.4847, -58.6546



138.4960, 31.3075, -8.3280

Triad

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



124.8810, 40.4847, -58.6546



138.2200, -13.4195, 57.6891



125.6650, -15.6108, -33.0322

Complementary

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



124.8810, 40.4847, -58.6546



140.1190, -40.4847, 58.6546

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.



131.3780, -30.2594, -1.2085



124.8810, 40.4847, -58.6546



136.7830, -27.5010, 47.5483

Square

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



124.8810, 40.4847, -58.6546



140.1280, 2.8949, 51.6307



134.8160, -34.4193, 26.4714



109.7630, 8.9908, -83.9842

Rectangle

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



124.8810, 40.4847, -58.6546



141.1850, 23.0798, 17.3778



134.8160, -34.4193, 26.4714



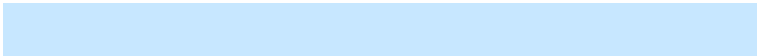
127.8360, -21.6111, -21.7812

Sweetspot

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



124.8810, 40.4847, -58.6546



224.1680, 15.2002, -22.0723



152.5310, -16.0378, -82.9037



109.0290, 9.3527, -13.1804



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.



124.8810, 40.4847, -58.6546



134.3410, 59.4849, -86.2451



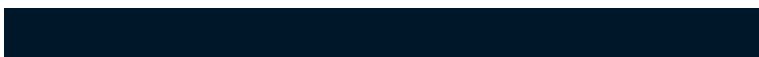
82.0300, 61.6102, -21.0743



98.7760, 3.0684, -4.1886



75.5040, 45.6005, -66.2170



18.1750, 11.2527, -15.9395

Inverse Universe

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



112.2410, 15.1642, 83.1036



115.7310, 22.3176, 122.1389



182.9700, -61.6102, 21.0743



97.9730, 0.9993, 6.1627



61.1760, 17.1682, 93.6846



14.8810, 4.0027, 22.9064

Previews

White Background



This preview shows how the YUV color 124.8810, 40.4847, -58.6546 looks on a white 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

Black Background



This preview shows how the YUV color 124.8810, 40.4847, -58.6546 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 × Fail

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

YUV 124.8810, 40.4847, -58.6546

Background



This preview shows how black text looks on a background with the YUV color 124.8810, 40.4847, -58.6546.

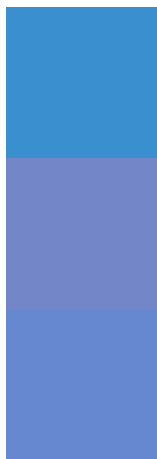


This preview shows how white text looks on a background with the YUV color 124.8810, 40.4847, -58.6546.

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

124.8810, 40.4847, -58.6546

Protanopia

135.8430, 31.6294, -18.2793

Deuteranopia

133.8570, 37.0455, -28.8156



Tritanopia

111.2200, 26.0205, -86.1389

Trichromacy



Original Color

124.8810, 40.4847, -58.6546

Protanomaly

131.6670, 35.1672, -33.0340

Deuteranomaly

130.7200, 38.0990, -40.0964

Tritanomaly

116.0670, 31.5190, -76.3578

Monochromacy



Original Color

124.8810, 40.4847, -58.6546

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.3530, 14.6160, -21.3576

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.8810, 40.4847, -58.6546 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(58, 143, 207)` looks like.

```
.text, #text, p{  
    color:rgb(58, 143, 207)  
}
```

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(58, 143, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 143, 207) }
```

Border

The CSS property to change the border of an element to YUV 124.8810, 40.4847, -58.6546 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(58, 143, 207) }
```


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

```
.border{ border-color:rgb(58, 143, 207) }
```

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

Here you see how a box with a 4 pixel rgb(58, 143, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 143, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 143, 207);  
box-shadow:4px 4px 4px 4px rgb(58, 143,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 124.8810, 40.4847, -58.6546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 143, 207) }
```

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

```
.background{ background-color: rgb(58, 143,  
207) }
```

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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