

Converting Colors

YUV(119.5980, 43.0892,
-54.0214)

Have a look what the booklet for
YUV(119.5980, 43.0892, -54.0214)
contains.

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Color

**YUV(119.5980, 43.0892,
-54.0214)**

Conversions

Conversions Part 1

Format	Color
Hex	3A86CF
RGB	58, 134, 207
RGB Percent	23%, 53%, 81%
CMY	0.7725, 0.4745, 0.1882
CMYK	0.72, 0.35, 0.00, 0.19
HSL	209°, 61%, 52%
HSV	209°, 72%, 81%
XYZ	21.5325, 22.4547, 62.2308
YIQ	119.5980, -68.7290, 6.5910

Conversions

Conversions Part 2

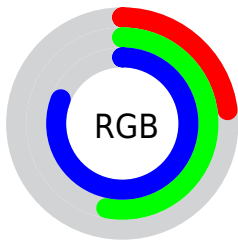
Format	Color
R _Y B	58, 108, 207
Decimal	3835599
CIE Lab	54.51, 0.90, -44.41
CIE LCh	55, 44.423, 271.160
Yxy	22.4547, 0.2027, 0.2114
Android (android.graphics.Color)	4282025679 (0xFF3A86CF)
YUV	119.5980, 43.0892, -54.0214
Hunter-Lab	47.3864, -1.8154, -44.6928

Details

The YUV color **119.5980, 43.0892, -54.0214** is a dark color, and the websafe version is hex **6699CC**. The color can be described as dark muted azure. A complement of this color would be **145.4020, -43.0892, 54.0214**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.3170, 39.2837, -46.7590**, and **67.2230, 41.7951, -58.9546** is the 20% darker color. If you saturate the color by 10%, you get **107.4490, 49.0786, -61.7838**, and if you desaturate by 10%, it is **131.7470, 37.0997, -46.2591**.

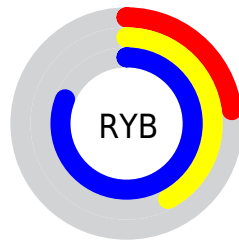
Distribution



Red (23%)

Green (53%)

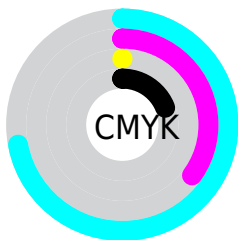
Blue (81%)



Red (23%)

Yellow (42%)

Blue (81%)

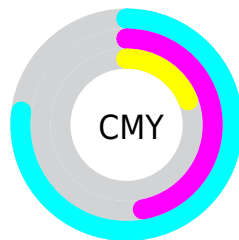


Cyan (72%)

Magenta (35%)

Yellow (0%)

Black (19%)



Cyan (77%)

Magenta (47%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.5980, 43.0892, -54.0214 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 119.5980, 43.0892, -54.0214 by changing the saturation by 10% instead.

■ 119.5980, 43.0892,
-54.0214

■ 119.5980, 43.0892,
-54.0214

255.0000, 0.0000,
0.0000

■ 84.6880, 46.4958,
-73.3944

■ 175.3170, 39.2837,
-46.7590

■ 67.2230, 41.7951,
-58.9546

■ 200.1360, 27.0480,
-42.2153

■ 50.7580, 37.0943,
-44.5148

■ 226.1290, 14.2334,
-38.7011

■ 35.4670, 31.8148,
-31.1046

■ 242.1430, 6.3385,
-26.4354

■ 20.9910, 27.1194,
-18.4091

■ 251.1130, 1.9163,
-7.9921

■ 8.9770, 21.7033,
-7.8728

■ 4.7080, 12.9620,

-4.1289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 119.5980, 43.0892,
-54.0214

■ 119.5980, 43.0892,
-54.0214

■ 107.4490, 49.0786,
-61.7838

■ 131.7470, 37.0997,
-46.2591

■ 95.5990, 54.9207,
-68.9313

■ 143.5970, 31.2577,
-39.1116

■ 85.8200, 59.7417,
-75.2641

■ 155.7460, 25.2682,
-31.3492

■ 168.4820, 18.9894,
-24.1017

■ 180.6310, 12.9999,
-16.3394

■ 192.4810, 7.1579,
-9.1918

■ 204.6300, 1.1684,
-1.4295

■ 216.7790, -4.8210,
6.3328

■ 228.6290,
-10.6631, 13.4804

Harmonies

Analogous

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



106.9860, 44.3769, -93.8267



119.5980, 43.0892, -54.0214



132.8500, 31.1330, 1.0086

Triad

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



119.5980, 43.0892, -54.0214



130.2760, -18.3771, 61.1479



114.7170, -11.1995, -47.9868

Complementary

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



119.5980, 43.0892, -54.0214



145.4020, -43.0892, 54.0214

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.



122.7360, -29.9428, -9.4155



119.5980, 43.0892, -54.0214



129.1050, -32.5898, 46.3889

Square

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



119.5980, 43.0892, -54.0214



131.5590, -0.7686, 60.0228



126.5720, -37.7500, 21.4234



102.9840, 13.8119, -90.3170

Rectangle

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



119.5980, 43.0892, -54.0214



134.3220, 22.0263, 28.6586



126.5720, -37.7500, 21.4234



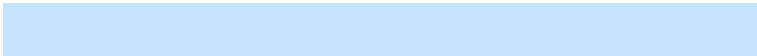
118.1550, -18.8104, -33.4619

Sweetspot

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



119.5980, 43.0892, -54.0214



222.4070, 16.0683, -20.5279



153.6710, -11.6698, -83.9035



107.8550, 9.9315, -12.1508



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.



119.5980, 43.0892, -54.0214



126.7100, 63.2470, -79.5527



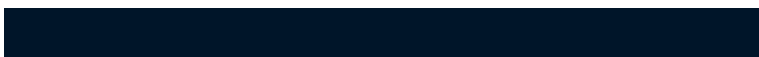
76.1600, 64.5041, -15.9263



98.1890, 3.3578, -3.6738



69.6340, 48.4944, -61.0690



17.0010, 11.8315, -14.9099

Inverse Universe

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



111.2150, 11.2330, 84.0034



114.2490, 16.6392, 123.4386



188.8400, -64.5041, 15.9263



97.8590, 0.5625, 6.2627



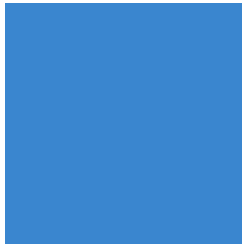
60.0360, 12.8003, 94.6844



14.6530, 3.1291, 23.1063

Previews

White Background



This preview shows how the YUV color 119.5980, 43.0892, -54.0214 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 119.5980, 43.0892, -54.0214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

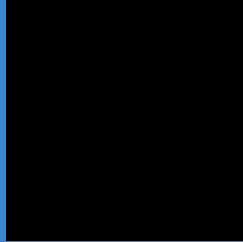
Any Text WCAG AA ✓ Pass

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 119.5980, 43.0892, -54.0214 Background



This preview shows how black text looks on a background with the YUV color 119.5980, 43.0892, -54.0214.



This preview shows how white text looks on a background with the YUV color 119.5980, 43.0892, -54.0214.

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

119.5980, 43.0892, -54.0214

Protanopia

128.2600, 35.8608, -22.1530

Deuteranopia

125.1380, 40.8510, -36.0780



Tritanopia

102.3120, 26.4682, -89.7276

Trichromacy



Original Color

119.5980, 43.0892, -54.0214

Protanomaly

125.4650, 38.2248, -33.7338

Deuteranomaly

123.0340, 41.8882, -42.1258

Tritanomaly

108.4090, 32.8294, -76.6577

Monochromacy



Original Color

119.5980, 43.0892, -54.0214

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.7060, 15.9209, -19.9132

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.5980, 43.0892, -54.0214 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, 134, 207)` looks like.

```
.text, #text, p{  
    color:rgb(58, 134, 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, 134, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 134, 207) }
```

Border

The CSS property to change the border of an element to YUV 119.5980, 43.0892, -54.0214 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, 134, 207) }
```


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

```
.border{ border-color:rgb(58, 134, 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, 134, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 134, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 134, 207);  
box-shadow:4px 4px 4px 4px rgb(58, 134,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 119.5980, 43.0892, -54.0214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 134, 207) }
```

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

```
.background{ background-color: rgb(58, 134,  
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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