

Converting Colors

YUV(126.7180, 41.0580,
-55.8807)

Have a look what the booklet for
YUV(126.7180, 41.0580, -55.8807)
contains.

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Color

**YUV(126.7180, 41.0580,
-55.8807)**

Conversions

Conversions Part 1

Format	Color
Hex	3F8FD2
RGB	63, 143, 210
RGB Percent	25%, 56%, 82%
CMY	0.7529, 0.4392, 0.1765
CMYK	0.70, 0.32, 0.00, 0.18
HSL	207°, 62%, 54%
HSV	207°, 70%, 82%
XYZ	23.5052, 25.3548, 64.6279
YIQ	126.7180, -69.1870, 3.8770

Conversions

Conversions Part 2

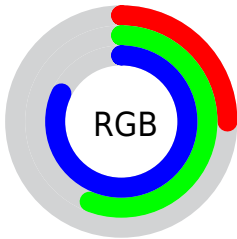
Format	Color
R _{YB}	63, 115, 210
Decimal	4165586
CIE Lab	57.42, -2.62, -41.49
CIE LCh	57, 41.578, 266.386
Yxy	25.3548, 0.2071, 0.2234
Android (android.graphics.Color)	4282355666 (0xFF3F8FD2)
YUV	126.7180, 41.0580, -55.8807
Hunter-Lab	50.3536, -4.7944, -40.8501

Details

The YUV color **126.7180, 41.0580, -55.8807** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **146.2820, -41.0580, 55.8807**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.0950, 35.9422, -48.3183**, and **72.2610, 40.7903, -63.3729** is the 20% darker color. If you saturate the color by 10%, you get **114.5690, 47.0475, -63.6430**, and if you desaturate by 10%, it is **138.8670, 35.0686, -48.1184**.

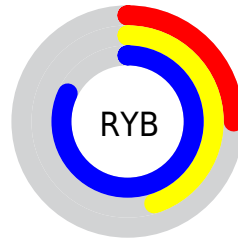
Distribution



Red (25%)

Green (56%)

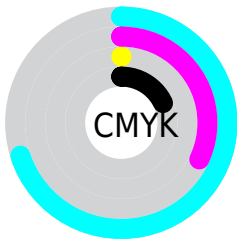
Blue (82%)



Red (25%)

Yellow (45%)

Blue (82%)

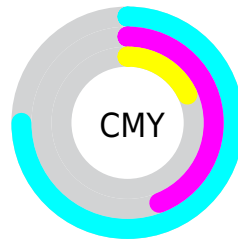


Cyan (70%)

Magenta (32%)

Yellow (0%)

Black (18%)



Cyan (75%)

Magenta (44%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.7180, 41.0580, -55.8807 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 126.7180, 41.0580, -55.8807 by changing the saturation by 10% instead.

■ 126.7180, 41.0580,
-55.8807

■ 126.7180, 41.0580,
-55.8807

■ 255.0000, 0.0000,
0.0000

■ 94.4990, 43.1380,
-69.7206

■ 182.0950, 35.9422,
-48.3183

■ 72.2610, 40.7903,
-63.3729

■ 207.2020, 23.5644,
-44.9042

■ 55.7960, 36.0896,
-48.9331

■ 233.1950, 10.7499,
-41.3900

■ 39.9180, 31.0994,
-35.0081

■ 243.3390, 5.7489,
-23.9763

■ 25.4420, 26.4041,
-22.3126

■ 252.3090, 1.3267,
-5.5330

■ 9.2050, 22.5769,
-8.0728

■ 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 126.7180, 41.0580,
-55.8807

■ 126.7180, 41.0580,
-55.8807

■ 114.5690, 47.0475,
-63.6430

■ 138.8670, 35.0686,
-48.1184

■ 103.0070, 52.7475,
-71.9201

■ 150.4290, 29.3685,
-39.8412

■ 90.8580, 58.7370,
-79.6825

■ 162.5780, 23.3790,
-32.0789

■ 174.1400, 17.6790,
-23.8018

■ 186.2890, 11.6895,
-16.0395

■ 197.8510, 5.9895,
-7.7623

■ 210.0000, 0.0000,
0.0000

■ 222.1490, -5.9895,
7.7623

■ 233.7110,
-11.6895, 16.0395

Harmonies

Analogous

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



111.7960, 42.4986, -98.0451



126.7180, 41.0580, -55.8807



139.5180, 31.2966, -4.8393

Triad

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



126.7180, 41.0580, -55.8807



138.4760, -15.0247, 59.2185



125.5720, -14.5790, -37.3356

Complementary

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



126.7180, 41.0580, -55.8807



146.2820, -41.0580, 55.8807

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.



131.0680, -30.1065, -3.5676



126.7180, 41.0580, -55.8807



137.0280, -29.1008, 47.3334

Square

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



126.7180, 41.0580, -55.8807



140.5090, 1.7211, 54.8046



134.9900, -34.9981, 25.4418



106.6200, 12.5123, -93.5057

Rectangle

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



126.7180, 41.0580, -55.8807



142.0930, 22.6322, 20.9664



134.9900, -34.9981, 25.4418



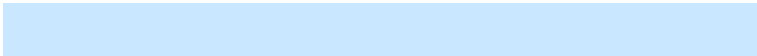
128.0420, -20.7267, -25.4698

Sweetspot

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



126.7180, 41.0580, -55.8807



224.7660, 14.9054, -20.8428



156.8130, -13.7118, -82.2740



109.6270, 9.0579, -11.9509



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.



126.7180, 41.0580, -55.8807



133.4880, 59.9054, -81.1120



83.8670, 62.1836, -18.3004



98.7760, 3.0684, -4.1886



73.1560, 46.7581, -64.1578



17.5880, 11.5421, -15.4247

Inverse Universe

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



116.0730, 13.2750, 82.3740



118.2100, 19.1235, 119.9648



189.1330, -62.1836, 18.3004



97.9730, 0.9993, 6.1627



60.7200, 15.4210, 94.0846



14.7670, 3.5659, 23.0063

Previews

White Background



This preview shows how the YUV color 126.7180, 41.0580, -55.8807 looks on a white background.

Color Contrast Check

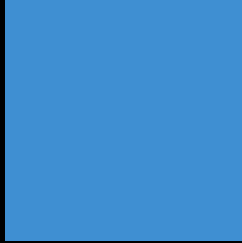
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.7180, 41.0580, -55.8807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

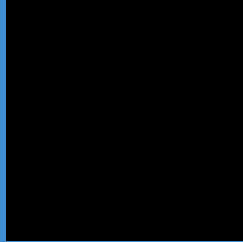
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.7180, 41.0580, -55.8807

Background



This preview shows how black text looks on a background with the YUV color 126.7180, 41.0580, -55.8807.

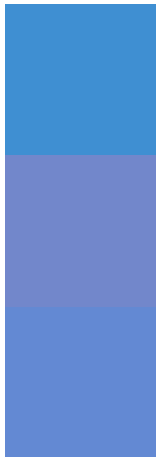


This preview shows how white text looks on a background with the YUV color 126.7180, 41.0580, -55.8807.

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

126.7180, 41.0580, -55.8807

Protanopia

136.4730, 32.7978, -19.7088

Deuteranopia

134.0740, 37.9245, -30.7599



Tritanopia

115.6940, 23.8149, -78.6616

Trichromacy



Original Color

126.7180, 41.0580, -55.8807

Protanomaly

132.8950, 36.0408, -33.2339

Deuteranomaly

131.3610, 39.2620, -39.7816

Tritanomaly

119.7580, 30.1923, -70.8248

Monochromacy



Original Color

126.7180, 41.0580, -55.8807

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.0650, 14.7580, -20.2280

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.7180, 41.0580, -55.8807 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(63, 143, 210)` looks like.

```
.text, #text, p{  
    color:rgb(63, 143, 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(63, 143, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 143, 210) }
```

Border

The CSS property to change the border of an element to YUV 126.7180, 41.0580, -55.8807 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(63, 143, 210) }
```


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

```
.border{ border-color:rgb(63, 143, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 143, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 143, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 143, 210);  
box-shadow:4px 4px 4px 4px rgb(63, 143,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 126.7180, 41.0580, -55.8807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 143, 210) }
```

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

```
.background{ background-color: rgb(63, 143,  
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](#).

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