

Converting Colors

YUV(126.3430, 46.6659,
-34.5038)

Have a look what the booklet for
YUV(126.3430, 46.6659, -34.5038)
contains.

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Color

**YUV(126.3430, 46.6659,
-34.5038)**

Conversions

Conversions Part 1

Format	Color
Hex	5780DD
RGB	87, 128, 221
RGB Percent	34%, 50%, 87%
CMY	0.6588, 0.4980, 0.1333
CMYK	0.61, 0.42, 0.00, 0.13
HSL	222°, 66%, 60%
HSV	222°, 61%, 87%
XYZ	24.7008, 22.6850, 71.4834
YIQ	126.3430, -54.2890, 20.2310

Conversions

Conversions Part 2

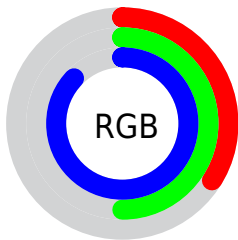
Format	Color
R _Y B	87, 118, 221
Decimal	5734621
CIE Lab	54.75, 14.13, -51.85
CIE LCh	55, 53.740, 285.249
Yxy	22.6850, 0.2078, 0.1908
Android (android.graphics.Color)	4283924701 (0xFF5780DD)
YUV	126.3430, 46.6659, -34.5038
Hunter-Lab	47.6288, 9.2215, -55.6448

Details

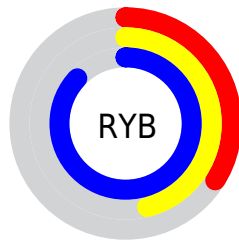
The YUV color **126.3430, 46.6659, -34.5038** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **181.6570, -46.6659, 34.5038**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.6830, 37.6243, -27.7860**, and **65.7700, 48.9204, -57.6803** is the 20% darker color. If you saturate the color by 10%, you get **110.9600, 54.2497, -40.3069**, and if you desaturate by 10%, it is **141.7260, 39.0821, -28.7007**.

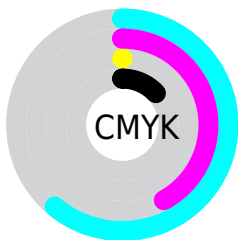
Distribution



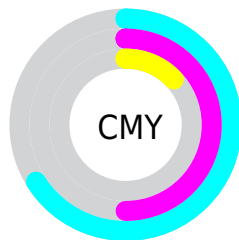
- Red (34%)
- Green (50%)
- Blue (87%)



- Red (34%)
- Yellow (46%)
- Blue (87%)



- Cyan (61%)
- Magenta (42%)
- Yellow (0%)
- Black (13%)



- Cyan (66%)
- Magenta (50%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.3430, 46.6659, -34.5038 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 126.3430, 46.6659, -34.5038 by changing the saturation by 10% instead.

■ 126.3430, 46.6659,
-34.5038

■ 126.3430, 46.6659,
-34.5038

■ 255.0000, 0.0000,
0.0000

■ 98.6090, 46.5348,
-39.1221

■ 178.6830, 37.6243,
-27.7860

■ 65.7700, 48.9204,
-57.6803

■ 203.7900, 25.2465,
-24.3718

■ 49.1910, 43.7828,
-43.1405

■ 229.1960, 12.7214,
-20.3429

■ 34.4870, 38.2139,
-30.2451

■ 249.3190, 2.8007,
-11.6808

■ 19.8970, 33.0818,
-17.4497

■ 10.7040, 25.7819,
-9.3874

■ 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 126.3430, 46.6659,
-34.5038

■ 126.3430, 46.6659,
-34.5038

■ 110.9600, 54.2497,
-40.3069

■ 141.7260, 39.0821,
-28.7007

■ 94.9900, 62.1229,
-45.5952

■ 157.6960, 31.2089,
-23.4124

■ 79.6070, 69.7067,
-51.3983

■ 173.0790, 23.6251,
-17.6093

■ 65.1100, 76.8538,
-57.1015

■ 188.4620, 16.0412,
-11.8062

■ 204.7310, 8.0206,
-5.9031

■ 220.1140, 0.4368,
-0.1000

■ 235.4970, -7.1470,
5.7031

■ 248.7760,
-13.6936, 5.4584

■ 251.1240,
-14.8511, 3.3993

Harmonies

Analogous

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



109.1350, 55.1494, -95.7114



126.3430, 46.6659, -34.5038



134.8900, 30.6202, 25.5295

Triad

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



126.3430, 46.6659, -34.5038



128.5080, -30.3234, 66.2065



101.3080, 2.3132, -88.8471

Complementary

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



126.3430, 46.6659, -34.5038



181.6570, -46.6659, 34.5038

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.



116.3910, -26.8148, -32.7919



126.3430, 46.6659, -34.5038



126.4560, -45.0878, 41.6961

Square

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



126.3430, 46.6659, -34.5038



128.6660, -9.6953, 76.5919



123.1330, -45.4216, 8.6534



107.3670, 22.9901, -94.1609

Rectangle

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



126.3430, 46.6659, -34.5038



133.8520, 18.3140, 52.7498



123.1330, -45.4216, 8.6534



98.8970, -4.3862, -86.7327

Sweetspot

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



126.3430, 46.6659, -34.5038



222.4620, 16.0412, -11.8062



176.1460, 1.4070, -78.1810



107.5890, 10.0626, -7.5326



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.



126.3430, 46.6659, -34.5038



123.6630, 64.7491, -47.9395



109.7510, 54.8458, 1.9724



102.0150, 3.9366, -2.6442



50.8330, 60.2283, -44.5805



13.4620, 16.0412, -11.8062

Inverse Universe

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



131.7400, -1.8438, 78.2810



131.1120, -2.5202, 108.6498



198.2490, -54.8458, -1.9724



102.6310, -0.3111, 6.4626



57.7690, -2.3511, 101.0576



15.3500, -0.6655, 26.8800

Previews

White Background



This preview shows how the YUV color 126.3430, 46.6659, -34.5038 looks on a white background.

Color Contrast Check

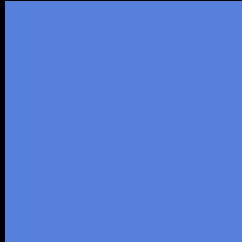
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.3430, 46.6659, -34.5038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

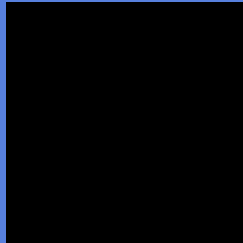
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.3430, 46.6659, -34.5038

Background



This preview shows how black text looks on a background with the YUV color 126.3430, 46.6659, -34.5038.

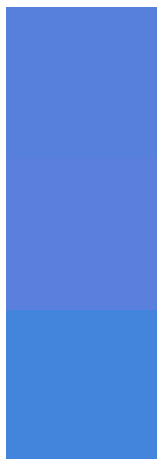


This preview shows how white text looks on a background with the YUV color 126.3430, 46.6659, -34.5038.

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

126.3430, 46.6659, -34.5038

Protanopia

126.8380, 45.9289, -31.4299

Deuteranopia

122.5970, 48.0197, -48.7586



Tritanopia

118.2410, 17.6292, -54.5854

Trichromacy



Original Color

126.3430, 46.6659, -34.5038

Protanomaly

126.5390, 46.0763, -32.0447

Deuteranomaly

124.1030, 47.2772, -43.9403

Tritanomaly

121.3310, 27.9378, -47.6483

Monochromacy



Original Color

126.3430, 46.6659, -34.5038

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.3910, 17.0622, -12.6209

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.3430, 46.6659, -34.5038 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(87, 128, 221)` looks like.

```
.text, #text, p{  
    color:rgb(87, 128, 221)  
}
```

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(87, 128, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 128, 221) }
```

Border

The CSS property to change the border of an element to YUV 126.3430, 46.6659, -34.5038 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(87, 128, 221) }
```


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

```
.border{ border-color:rgb(87, 128, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 128, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 128, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 128, 221);  
box-shadow:4px 4px 4px 4px rgb(87, 128,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 126.3430, 46.6659, -34.5038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 128, 221) }
```

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

```
.background{ background-color: rgb(87, 128,  
221) }
```

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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