

Converting Colors

YUV(125.5860, 34.7141,
-27.7009)

Have a look what the booklet for
YUV(125.5860, 34.7141, -27.7009)
contains.

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Color

**YUV(125.5860, 34.7141,
-27.7009)**

Conversions

Conversions Part 1

Format	Color
Hex	5E80C4
RGB	94, 128, 196
RGB Percent	37%, 50%, 77%
CMY	0.6314, 0.4980, 0.2314
CMYK	0.52, 0.35, 0.00, 0.23
HSL	220°, 46%, 57%
HSV	220°, 52%, 77%
XYZ	22.2991, 21.8035, 55.2578
YIQ	125.5860, -42.0920, 13.9400

Conversions

Conversions Part 2

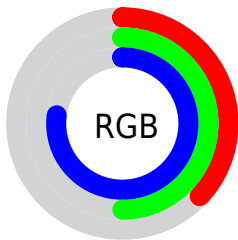
Format	Color
R_{YB}	94, 120, 196
Decimal	6193348
CIE Lab	53.82, 7.44, -39.15
CIE LCh	54, 39.854, 280.760
Yxy	21.8035, 0.2244, 0.2194
Android (android.graphics.Color)	4284383428 (0xFF5E80C4)
YUV	125.5860, 34.7141, -27.7009
Hunter-Lab	46.6943, 3.5286, -37.4775

Details

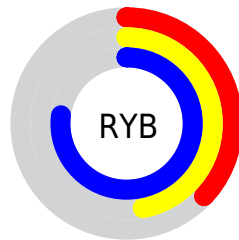
The YUV color **125.5860, 34.7141, -27.7009** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **164.4140, -34.7141, 27.7009**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.9390, 36.0191, -26.2565**, and **72.7270, 34.1516, -33.9636** is the 20% darker color. If you saturate the color by 10%, you get **111.9750, 41.4243, -33.3041**, and if you desaturate by 10%, it is **139.1970, 28.0039, -22.0978**.

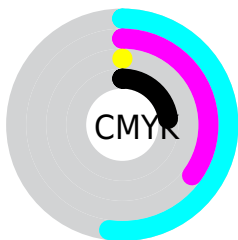
Distribution



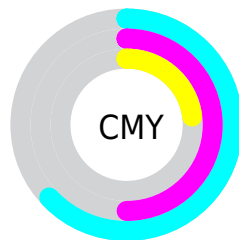
- Red (37%)
- Green (50%)
- Blue (77%)



- Red (37%)
- Yellow (47%)
- Blue (77%)



- Cyan (52%)
- Magenta (35%)
- Yellow (0%)
- Black (23%)



- Cyan (63%)
- Magenta (50%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.5860, 34.7141, -27.7009 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 125.5860, 34.7141, -27.7009 by changing the saturation by 10% instead.

■ 125.5860, 34.7141,
-27.7009

■ 125.5860, 34.7141,
-27.7009

■ 255.0000, 0.0000,
0.0000

■ 99.4610, 34.2827,
-29.3453

■ 179.9390, 36.0191,
-26.2565

■ 72.7270, 34.1516,
-33.9636

■ 204.3880, 24.9517,
-23.1423

■ 46.6830, 34.1733,
-40.9410

■ 229.4950, 12.5740,
-19.7281

■ 31.5060, 29.3305,
-27.6308

■ 249.3190, 2.8007,
-11.6808

■ 15.8560, 25.2140,
-13.9057

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 125.5860, 34.7141,
-27.7009

■ 125.5860, 34.7141,
-27.7009

■ 111.9750, 41.4243,
-33.3041

■ 139.1970, 28.0039,
-22.0978

■ 98.6630, 47.9871,
-38.2925

■ 152.5090, 21.4411,
-17.1094

■ 85.0520, 54.6974,
-43.8956

■ 166.1200, 14.7308,
-11.5062

■ 71.7400, 61.2602,
-48.8840

■ 179.4320, 8.1680,
-6.5179

■ 60.4990, 66.8020,
-53.0576

■ 193.0430, 1.4578,
-0.9147

■ 206.6540, -5.2524,
4.6884

■ 219.9660,
-11.8152, 9.6768

■ 234.1640,
-18.8149, 14.7652

■ 242.9910,
-23.1666, 10.5319

Harmonies

Analogous

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



103.0080, 44.3661, -90.3380



125.5860, 34.7141, -27.7009



132.3910, 23.9642, 13.6891

Triad

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



125.5860, 34.7141, -27.7009



128.7110, -21.5495, 51.9965



111.7360, -3.3208, -55.0195

Complementary

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



125.5860, 34.7141, -27.7009



164.4140, -34.7141, 27.7009

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.



120.0430, -22.2062, -17.5777



125.5860, 34.7141, -27.7009



127.2670, -31.6836, 35.7228

Square

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



125.5860, 34.7141, -27.7009



129.7450, -6.2833, 55.4746



124.5860, -32.3339, 10.8871



101.6620, 18.9006, -89.1576

Rectangle

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



125.5860, 34.7141, -27.7009



132.8190, 14.8792, 34.3617



124.5860, -32.3339, 10.8871



115.2880, -10.4950, -40.5946

Sweetspot

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



125.5860, 34.7141, -27.7009



226.8920, 13.8572, -11.3063



161.6260, 0.1844, -59.3080



110.5460, 8.6048, -6.6178



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.



125.5860, 34.7141, -27.7009



146.1230, 53.6764, -43.0809



110.7110, 42.0475, 0.2535



89.9010, 3.4998, -2.5442



50.0520, 54.6974, -43.8956



10.2190, 11.2310, -8.9621

Inverse Universe

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



128.3740, -0.1844, 59.3080



150.2840, -0.1400, 91.8359



179.2890, -42.0475, -0.2535



90.3320, -0.1637, 5.8478



54.2950, -0.1454, 93.5803



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 125.5860, 34.7141, -27.7009 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 125.5860, 34.7141, -27.7009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

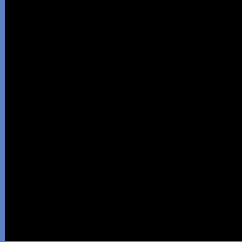
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.5860, 34.7141, -27.7009

Background



This preview shows how black text looks on a background with the YUV color 125.5860, 34.7141, -27.7009.

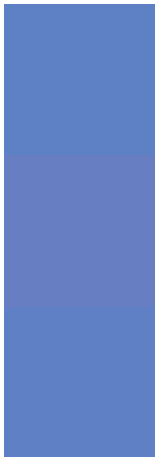


This preview shows how white text looks on a background with the YUV color 125.5860, 34.7141, -27.7009.

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

125.5860, 34.7141, -27.7009

Protanopia

127.1740, 32.9452, -20.3236

Deuteranopia

125.8850, 34.5667, -27.0861



Tritanopia

121.3140, 13.6492, -37.9864

Trichromacy



Original Color

125.5860, 34.7141, -27.7009

Protanomaly

126.6790, 33.6823, -23.3975

Deuteranomaly

125.8850, 34.5667, -27.0861

Tritanomaly

122.6980, 21.3479, -33.9381

Monochromacy



Original Color

125.5860, 34.7141, -27.7009

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.8490, 12.3994, -10.3916

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.5860, 34.7141, -27.7009 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(94, 128, 196)` looks like.

```
.text, #text, p{  
    color:rgb(94, 128, 196)  
}
```

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(94, 128, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 128, 196) }
```

Border

The CSS property to change the border of an element to YUV 125.5860, 34.7141, -27.7009 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(94, 128, 196) }
```


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

```
.border{ border-color:rgb(94, 128, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 128, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 128, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 128, 196);  
box-shadow:4px 4px 4px 4px rgb(94, 128,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 125.5860, 34.7141, -27.7009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 128, 196) }
```

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

```
.background{ background-color: rgb(94, 128,  
196) }
```

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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