

Converting Colors

YUV(126.8140, 35.5877,
-27.9009)

Have a look what the booklet for
YUV(126.8140, 35.5877, -27.9009)
contains.

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Color

**YUV(126.8140, 35.5877,
-27.9009)**

Conversions

Conversions Part 1

Format	Color
Hex	5F81C7
RGB	95, 129, 199
RGB Percent	37%, 51%, 78%
CMY	0.6275, 0.4941, 0.2196
CMYK	0.52, 0.35, 0.00, 0.22
HSL	220°, 48%, 58%
HSV	220°, 52%, 78%
XYZ	22.8784, 22.2569, 57.1230
YIQ	126.8140, -42.7340, 14.5620

Conversions

Conversions Part 2

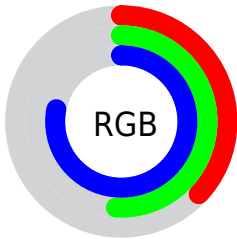
Format	Color
R _Y B	95, 121, 199
Decimal	6259143
CIE Lab	54.30, 8.02, -40.10
CIE LCh	54, 40.894, 281.305
Yxy	22.2569, 0.2237, 0.2177
Android (android.graphics.Color)	4284449223 (0xFF5F81C7)
YUV	126.8140, 35.5877, -27.9009
Hunter-Lab	47.1773, 4.0025, -38.7653

Details

The YUV color **126.8140, 35.5877, -27.9009** 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 **167.1860, -35.5877, 27.9009**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.0530, 36.4559, -26.3565**, and **73.6560, 35.1726, -34.7783** is the 20% darker color. If you saturate the color by 10%, you get **113.2030, 42.2979, -33.5040**, and if you desaturate by 10%, it is **140.4250, 28.8775, -22.2977**.

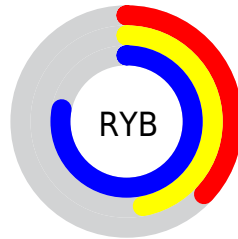
Distribution



Red (37%)

Green (51%)

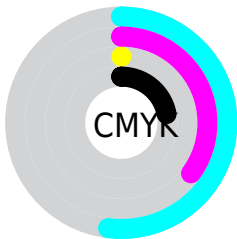
Blue (78%)



Red (37%)

Yellow (47%)

Blue (78%)

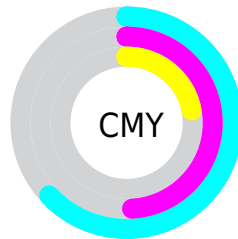


Cyan (52%)

Magenta (35%)

Yellow (0%)

Black (22%)



Cyan (63%)

Magenta (49%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.8140, 35.5877, -27.9009 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 126.8140, 35.5877, -27.9009 by changing the saturation by 10% instead.

■ 126.8140, 35.5877,
-27.9009

■ 126.8140, 35.5877,
-27.9009

255.0000, 0.0000,
0.0000

■ 100.2760, 34.8669,
-30.0601

■ 181.0530, 36.4559,
-26.3565

■ 73.6560, 35.1726,
-34.7783

■ 205.5730, 24.3675,
-22.4275

■ 47.6120, 35.1943,
-41.7557

■ 230.3810, 12.1372,
-19.6281

■ 32.4350, 30.3515,
-28.4455

■ 249.9170, 2.5059,
-10.4512

■ 17.2580, 25.5088,
-15.1353

■ 7.5920, 18.9351,
-6.6582

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 126.8140, 35.5877,
-27.9009

■ 126.8140, 35.5877,
-27.9009

■ 113.2030, 42.2979,
-33.5040

■ 140.4250, 28.8775,
-22.2977

■ 99.0050, 49.2975,
-38.5924

■ 154.6230, 21.8779,
-17.2094

■ 85.3940, 56.0078,
-44.1955

■ 168.2340, 15.1676,
-11.6062

■ 71.1960, 63.0074,
-49.2839

■ 182.4320, 8.1680,
-6.5179

■ 60.8410, 68.1124,
-53.3576

■ 196.0430, 1.4578,
-0.9147

■ 209.3550, -5.1050,
4.0737

■ 223.5530,
-12.1046, 9.1620

■ 237.1640,
-18.8149, 14.7652

■ 245.6810,
-23.0137, 8.1728

Harmonies

Analogous

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



104.5240, 45.0977, -91.6675



126.8140, 35.5877, -27.9009



133.2170, 24.5430, 14.7187

Triad

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



126.8140, 35.5877, -27.9009



129.3090, -21.8443, 53.2260



111.5400, -2.7312, -57.4786

Complementary

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



126.8140, 35.5877, -27.9009



167.1860, -35.5877, 27.9009

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.



120.9180, -22.6376, -19.2221



126.8140, 35.5877, -27.9009



128.0390, -32.5572, 35.9228

Square

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



126.8140, 35.5877, -27.9009



130.7560, -6.2887, 57.2190



125.3580, -33.2075, 11.0870



103.1780, 19.6322, -90.4871

Rectangle

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



126.8140, 35.5877, -27.9009



133.8300, 14.8738, 36.1061



125.3580, -33.2075, 11.0870



115.9780, -10.3422, -42.9537

Sweetspot

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



126.8140, 35.5877, -27.9009



226.8920, 13.8572, -11.3063



163.9140, 0.0424, -60.4376



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.



126.8140, 35.5877, -27.9009



143.4650, 54.9868, -43.3808



111.9390, 42.9211, 0.0535



92.7870, 3.0630, -2.4442



49.6930, 55.8604, -43.5808



11.1480, 12.2520, -9.7768

Inverse Universe

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



129.9720, -0.4792, 60.5376



148.1810, -0.5822, 93.6803



182.0610, -42.9211, -0.0535



93.0330, -0.0163, 5.2331



54.7790, -0.8770, 94.9098



12.1320, -0.0651, 20.9322

Previews

White Background



This preview shows how the YUV color 126.8140, 35.5877, -27.9009 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 126.8140, 35.5877, -27.9009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

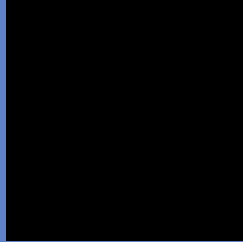
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.8140, 35.5877, -27.9009

Background



This preview shows how black text looks on a background with the YUV color 126.8140, 35.5877, -27.9009.

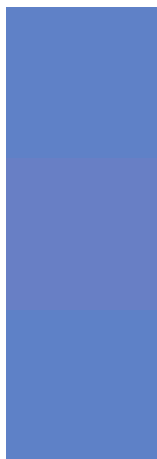


This preview shows how white text looks on a background with the YUV color 126.8140, 35.5877, -27.9009.

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

126.8140, 35.5877, -27.9009

Protanopia

128.1030, 33.9662, -21.1383

Deuteranopia

126.5150, 35.7351, -28.5157



Tritanopia

122.0150, 13.7966, -38.6012

Trichromacy



Original Color

126.8140, 35.5877, -27.9009

Protanomaly

127.9070, 34.5558, -23.5974

Deuteranomaly

126.5150, 35.7351, -28.5157

Tritanomaly

123.5130, 21.9321, -34.6529

Monochromacy



Original Color

126.8140, 35.5877, -27.9009

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.9630, 12.8362, -10.4916

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.8140, 35.5877, -27.9009 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(95, 129, 199)` looks like.

```
.text, #text, p{  
    color:rgb(95, 129, 199)  
}
```

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(95, 129, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 129, 199) }
```

Border

The CSS property to change the border of an element to YUV 126.8140, 35.5877, -27.9009 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(95, 129, 199) }
```


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

```
.border{ border-color:rgb(95, 129, 199) }
```

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

Here you see how a box with a 4 pixel rgb(95, 129, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 129, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 129, 199);  
box-shadow:4px 4px 4px 4px rgb(95, 129,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 126.8140, 35.5877, -27.9009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 129, 199) }
```

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

```
.background{ background-color: rgb(95, 129,  
199) }
```

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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