

Converting Colors

YIQ(132.3270, -57.3600,
15.3120)

Have a look what the booklet for
YIQ(132.3270, -57.3600, 15.3120)
contains.

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Color

**YIQ(132.3270, -57.3600,
15.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	578ADE
RGB	87, 138, 222
RGB Percent	34%, 54%, 87%
CMY	0.6589, 0.4587, 0.1297
CMYK	0.61, 0.38, 0.00, 0.13
HSL	217°, 67%, 61%
HSV	217°, 61%, 87%
XYZ	26.1952, 25.4785, 72.5920
YIQ	132.3270, -57.3600, 15.3120

Conversions

Conversions Part 2

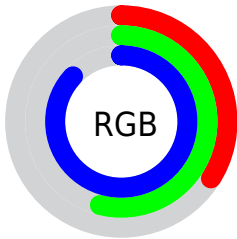
Format	Color
R_{YB}	87, 124, 222
Decimal	5737182
CIE _{Lab}	57.54, 8.41, -47.93
CIE _{LCh}	58, 48.660, 279.950
Yxy	25.4785, 0.2108, 0.2050
Android (android.graphics.Color)	4283927262 (0xFF578ADE)
YUV	132.3270, 44.2088, -39.7518
Hunter-Lab	50.4762, 4.3013, -49.9341

Details

The YIQ color **132.3270, -57.3600, 15.3120** 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 **176.6730, 57.3600, -15.3120**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.1400, -46.7680, 10.5760**, and **71.1670, -77.7610, 5.0790** is the 20% darker color. If you saturate the color by 10%, you get **117.5310, -66.6220, 17.9700**, and if you desaturate by 10%, it is **147.1230, -48.0980, 12.6540**.

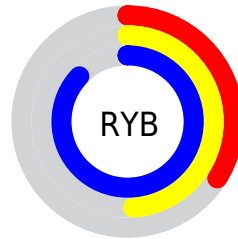
Distribution



Red (34%)

Green (54%)

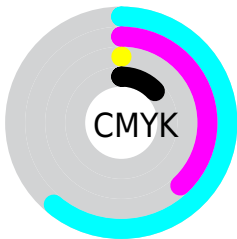
Blue (87%)



Red (34%)

Yellow (49%)

Blue (87%)

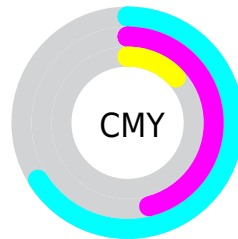


Cyan (61%)

Magenta (38%)

Yellow (0%)

Black (13%)



Cyan (66%)

Magenta (46%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.3270, -57.3600, 15.3120 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 YIQ color 132.3270, -57.3600, 15.3120 by changing the saturation by 10% instead.

■ 132.3270,
-57.3600, 15.3120

■ 132.3270,
-57.3600, 15.3120

■ 255.0000, -0.0000,
-0.0000

■ 104.5930,
-61.1650, 12.6830

■ 185.1400,
-46.7680, 10.5760

■ 71.1670, -77.7610,
5.0790

■ 210.2470,
-37.1840, 2.0800

■ 54.5880, -62.7690,
8.7110

■ 235.6530,
-27.0040, -6.2040

■ 38.8240, -48.6940,
12.4420

■ 249.3190,
-11.3240, -4.0280

■ 24.7070, -35.1230,
14.2930

■ 11.5190, -22.7900,
16.5540

■ 6.5490, -14.3070,

11.4930

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 132.3270,
-57.3600, 15.3120

■ 132.3270,
-57.3600, 15.3120

■ 117.5310,
-66.6220, 17.9700

■ 147.1230,
-48.0980, 12.6540

■ 102.7350,
-75.8840, 20.6280

■ 161.9190,
-38.8360, 9.9960

■ 88.2270, -86.0170,
22.5510

■ 176.4270,
-28.7030, 8.0730

■ 74.6160, -94.3620,
25.1100

■ 191.2230,
-19.4410, 5.4150

■ 206.0190,
-10.1790, 2.7570

■ 220.8150, -0.9170,
0.0990

■ 235.6110, 8.3450,
-2.5590

■ 247.1290, 12.5180,
-6.6020

■ 251.2380, 10.5930,
-10.2630

Harmonies

Analogous

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



113.4890, -111.5030, -11.1750



132.3270, -57.3600, 15.3120



141.8240, -3.9950, 33.8690

Triad

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



132.3270, -57.3600, 15.3120



137.1640, 67.3040, 13.7360



111.9460, -62.9430, -43.2230

Complementary

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



132.3270, -57.3600, 15.3120



176.6730, 57.3600, -15.3120

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.



127.4140, -2.6070, -35.3670



132.3270, -57.3600, 15.3120



135.7750, 57.3130, -8.9510

Square

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



132.3270, -57.3600, 15.3120



138.5340, 61.1110, 32.3670



132.3170, 34.5750, -26.3930



110.6610, -92.5170, -35.8850

Rectangle

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



132.3270, -57.3600, 15.3120



142.0140, 24.8890, 39.0410



132.3170, 34.5750, -26.3930



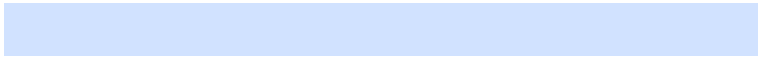
120.5270, -36.7180, -39.4220

Sweetspot

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



132.3270, -57.3600, 15.3120



224.2230, -19.4410, 5.4150



175.7070, -63.7680, -44.7920



108.7630, -12.3340, 3.2660



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.



132.3270, -57.3600, 15.3120



131.2940, -78.9560, 21.2360



107.1740, -33.7990, 45.3770



104.6020, -4.6310, 1.3290



59.3930, -74.9210, 19.6950



16.0380, -20.3580, 5.5140

Inverse Universe

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



133.1790, 64.0890, 44.4810



132.5940, 88.3860, 61.2020



201.8260, 33.7990, -45.3770



104.7450, 5.2720, 3.5760



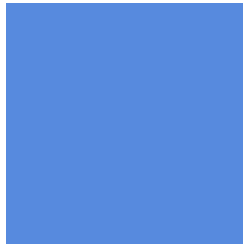
60.2620, 83.3890, 58.1490



16.4040, 22.8300, 15.7740

Previews

White Background



This preview shows how the YIQ color 132.3270, -57.3600, 15.3120 looks on a white background.

Color Contrast Check

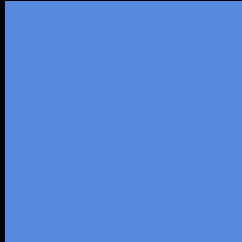
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 132.3270, -57.3600, 15.3120 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](#).

YIQ 132.3270, -57.3600, 15.3120

Background



This preview shows how black text looks on a background with the YIQ color 132.3270, -57.3600, 15.3120.



This preview shows how white text looks on a background with the YIQ color 132.3270, -57.3600,

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

132.3270, -57.3600, 15.3120

Protanopia

135.6060, -44.8440, 19.7640

Deuteranopia

132.3270, -57.3600, 15.3120



Tritanopia

124.2730, -58.4090, -15.2490

Trichromacy



Original Color

132.3270, -57.3600, 15.3120

Protanomaly

134.2140, -49.6120, 18.0680

Deuteranomaly

132.3270, -57.3600, 15.3120

Tritanomaly

127.3090, -58.0900, -4.5060

Monochromacy



Original Color

132.3270, -57.3600, 15.3120

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

132.1520, -20.6790, 5.8250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.3270, -57.3600, 15.3120 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, 138, 222)` looks like.

```
.text, #text, p{  
    color:rgb(87, 138, 222)  
}
```

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, 138, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 138, 222) }
```

Border

The CSS property to change the border of an element to YIQ 132.3270, -57.3600, 15.3120 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, 138, 222) }
```


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

```
.border{ border-color:rgb(87, 138, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 138, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 138, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 138, 222);  
box-shadow:4px 4px 4px 4px rgb(87, 138,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 132.3270, -57.3600, 15.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 138, 222) }
```

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

```
.background{ background-color: rgb(87, 138,  
222) }
```

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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