

Converting Colors

YIQ(145.1410, -57.6770,
-6.4850)

Have a look what the booklet for
YIQ(145.1410, -57.6770, -6.4850)
contains.

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Color

**YIQ(145.1410, -57.6770,
-6.4850)**

Conversions

Conversions Part 1

Format	Color
Hex	56A5C6
RGB	86, 165, 198
RGB Percent	34%, 65%, 78%
CMY	0.6629, 0.3528, 0.2238
CMYK	0.57, 0.17, 0.00, 0.22
HSL	198°, 50%, 56%
HSV	198°, 57%, 78%
XYZ	27.4805, 32.9729, 58.3029
YIQ	145.1410, -57.6770, -6.4850

Conversions

Conversions Part 2

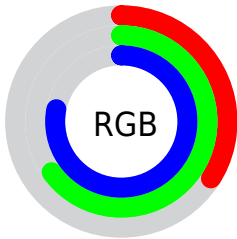
Format	Color
R _Y B	86, 132, 198
Decimal	5678534
CIE Lab	64.14, -14.80, -24.24
CIE LCh	64, 28.401, 238.583
Yxy	32.9729, 0.2314, 0.2777
Android (android.graphics.Color)	4283868614 (0xFF56A5C6)
YUV	145.1410, 26.0595, -51.8667
Hunter-Lab	57.4220, -15.0637, -20.0041

Details

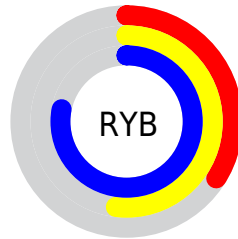
The YIQ color **145.1410, -57.6770, -6.4850** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **138.8590, 57.6770, 6.4850**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **201.2660, -56.5310, -5.2270**, and **86.3350, -70.1470, -11.7710** is the 20% darker color. If you saturate the color by 10%, you get **135.6390, -67.9470, -7.5870**, and if you desaturate by 10%, it is **154.6430, -47.4070, -5.3830**.

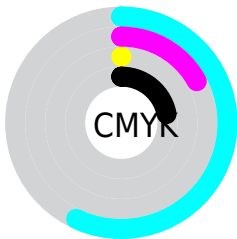
Distribution



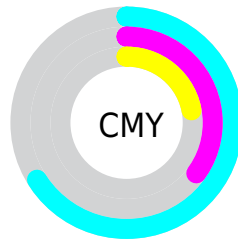
- Red (34%)
- Green (65%)
- Blue (78%)



- Red (34%)
- Yellow (52%)
- Blue (78%)



- Cyan (57%)
- Magenta (17%)
- Yellow (0%)
- Black (22%)



- Cyan (66%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.1410, -57.6770, -6.4850 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 145.1410, -57.6770, -6.4850 by changing the saturation by 10% instead.

■ 145.1410,
-57.6770, -6.4850

■ 145.1410,
-57.6770, -6.4850

■ 255.0000, -0.0000,
-0.0000

■ 117.5320,
-60.3360, -7.8560

■ 201.2660,
-56.5310, -5.2270

■ 86.3350, -70.1470,
-11.7710

■ 226.9600,
-47.2220, -14.2460

■ 65.6950, -62.3530,
-9.8490

■ 239.1530,
-31.5880, -11.2360

■ 48.7570, -47.7280,
-5.0720

■ 247.8240,
-14.3040, -5.0880

■ 33.2210, -34.2950,
-0.7190

■ 19.4460, -21.6870,
2.0650

■ 3.5510, -8.6210,

7.5630

■ 0.0000, 0.0000,
0.0000

■ 145.1410,
-57.6770, -6.4850

■ 145.1410,
-57.6770, -6.4850

■ 135.6390,
-67.9470, -7.5870

■ 154.6430,
-47.4070, -5.3830

■ 126.1370,
-78.2170, -8.6890

■ 164.1450,
-37.1370, -4.2810

■ 117.5210,
-88.1660, -10.1020

■ 172.7610,
-27.1880, -2.8680

■ 108.0190,
-98.4360, -11.2040

■ 182.2630,
-16.9180, -1.7660

■ 104.7520,
-102.0580, -11.6420

■ 191.7650, -6.6480,
-0.6640

■ 201.2670, 3.6220,
0.4380

■ 210.7690, 13.8920,
1.5400

■ 219.9720, 23.5660,
2.4300

■ 226.1960, 28.7470,
2.1470

Harmonies

Analogous

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



141.4360, -60.4260, -17.2420



145.1410, -57.6770, -6.4850



152.1100, -38.0560, 6.8720

Triad

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



145.1410, -57.6770, -6.4850



159.1280, 32.5950, 20.5230



151.2990, 8.6230, -18.6170

Complementary

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



145.1410, -57.6770, -6.4850



138.8590, 57.6770, 6.4850

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.



153.8070, 27.9240, -10.4760



145.1410, -57.6770, -6.4850



157.3490, 41.8580, 12.3380

Square

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



145.1410, -57.6770, -6.4850



159.4280, 14.2550, 22.5030



156.3020, 40.0720, 0.6480



147.9030, -16.6850, -22.5170

Rectangle

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



145.1410, -57.6770, -6.4850



156.0200, -19.9470, 14.5890



156.3020, 40.0720, 0.6480



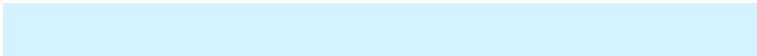
152.4740, 15.5000, -16.5960

Sweetspot

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



145.1410, -57.6770, -6.4850



234.5120, -22.0530, -2.3170



155.3920, -41.0720, -48.6240



115.5300, -13.2960, -1.3280



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.



145.1410, -57.6770, -6.4850



173.3360, -89.0830, -10.0030



112.8560, -42.5520, 22.2800



95.1350, -4.8140, -0.8620



86.0870, -83.9480, -9.4520



18.7790, -18.4310, -1.8790

Inverse Universe

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



128.4940, 41.3930, 48.3130



147.6350, 63.9460, 74.6180



171.1440, 42.5520, -22.2800



93.4890, 3.1170, 4.0850



61.8470, 60.2330, 70.3210



13.6140, 13.4310, 15.4070

Previews

White Background



This preview shows how the YIQ color 145.1410, -57.6770, -6.4850 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 145.1410, -57.6770, -6.4850 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 ✓ Pass

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

YIQ 145.1410, -57.6770, -6.4850

Background



This preview shows how black text looks on a background with the YIQ color 145.1410, -57.6770, -6.4850.



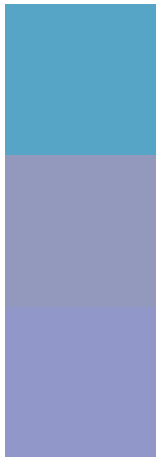
This preview shows how white text looks on a background with the YIQ color 145.1410, -57.6770, -6.4850.

-6.4850.

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

145.1410, -57.6770, -6.4850

Protanopia

155.0110, -15.7280, 9.7120

Deuteranopia

155.4930, -19.9010, 13.7550



Tritanopia

142.8710, -57.2170, -14.8250

Trichromacy



Original Color

145.1410, -57.6770, -6.4850

Protanomaly

151.1230, -30.9030, 3.8890

Deuteranomaly

152.0350, -33.4710, 6.3770

Tritanomaly

143.8650, -57.0800, -11.8000

Monochromacy



Original Color

145.1410, -57.6770, -6.4850

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

144.9960, -20.5400, -2.2040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.1410, -57.6770, -6.4850 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(86, 165, 198)` looks like.

```
.text, #text, p{  
    color:rgb(86, 165, 198)  
}
```

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(86, 165, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 165, 198) }
```

Border

The CSS property to change the border of an element to YIQ 145.1410, -57.6770, -6.4850 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(86, 165, 198) }
```


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

```
.border{ border-color:rgb(86, 165, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 165, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 165, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 165, 198);  
box-shadow:4px 4px 4px 4px rgb(86, 165,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 145.1410, -57.6770, -6.4850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 165, 198) }
```

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

```
.background{ background-color: rgb(86, 165,  
198) }
```

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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