

Converting Colors

YIQ(134.0040, -49.3810, 8.3710)

Have a look what the booklet for
YIQ(134.0040, -49.3810, 8.3710)
contains.

YIQ(134.0040, -49.3810, 8.3710)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(134.0040, -49.3810,
8.3710)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8ECB
RGB	92, 142, 203
RGB Percent	36%, 56%, 80%
CMY	0.6393, 0.4430, 0.2042
CMYK	0.55, 0.30, 0.00, 0.20
HSL	213°, 52%, 58%
HSV	213°, 55%, 80%
XYZ	24.8598, 25.9354, 60.1569
YIQ	134.0040, -49.3810, 8.3710

Conversions

Conversions Part 2

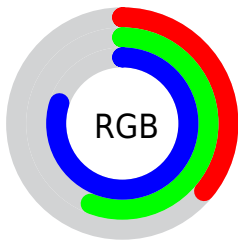
Format	Color
R_{YB}	92, 126, 203
Decimal	6065867
CIE Lab	57.98, 0.90, -36.57
CIE LCh	58, 36.578, 271.408
Yxy	25.9354, 0.2241, 0.2338
Android (android.graphics.Color)	4284255947 (0xFF5C8ECB)
YUV	134.0040, 34.0150, -36.8375
Hunter-Lab	50.9268, -1.9875, -34.3871

Details

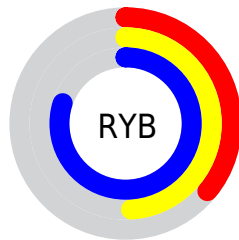
The YIQ color **134.0040, -49.3810, 8.3710** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **160.9960, 49.3810, -8.3710**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.0860, -46.6760, 8.9080**, and **79.0630, -57.0370, 3.9470** is the 20% darker color. If you saturate the color by 10%, you get **121.5670, -58.2760, 9.8840**, and if you desaturate by 10%, it is **146.4410, -40.4860, 6.8580**.

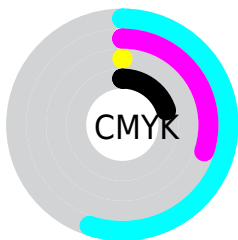
Distribution



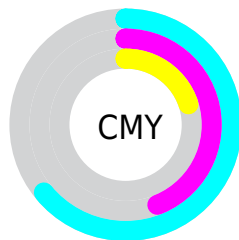
- Red (36%)
- Green (56%)
- Blue (80%)



- Red (36%)
- Yellow (49%)
- Blue (80%)



- Cyan (55%)
- Magenta (30%)
- Yellow (0%)
- Black (20%)



- Cyan (64%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.0040, -49.3810, 8.3710 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 134.0040, -49.3810, 8.3710 by changing the saturation by 10% instead.

■ 134.0040,
-49.3810, 8.3710

■ 134.0040,
-49.3810, 8.3710

■ 255.0000, -0.0000,
-0.0000

■ 107.1670,
-51.3980, 6.3780

■ 188.0860,
-46.6760, 8.9080

■ 78.9490, -56.7160,
3.6360

■ 212.8940,
-37.6880, 0.2000

■ 54.4110, -58.1370,
1.8550

■ 238.5880,
-28.3790, -8.8190

■ 38.6470, -44.0620,
5.5860

■ 249.3190,
-11.3240, -4.0280

■ 24.1710, -30.8580,
8.5820

■ 8.0480, -17.1500,
13.4580

■ 4.3660, -9.5380,

7.6620

■ 0.0000, 0.0000,
0.0000

■ 134.0040,
-49.3810, 8.3710

■ 134.0040,
-49.3810, 8.3710

■ 121.5670,
-58.2760, 9.8840

■ 146.4410,
-40.4860, 6.8580

■ 108.8310,
-67.7670, 11.1850

■ 159.1770,
-30.9950, 5.5570

■ 96.3940, -76.6620,
12.6980

■ 171.6140,
-22.1000, 4.0440

■ 83.3700, -85.2820,
14.7340

■ 184.6380,
-13.4800, 2.0080

■ 77.1460, -90.4630,
15.0170

■ 197.0750, -4.5850,
0.4950

■ 209.8110, 4.9060,
-0.8060

■ 222.2480, 13.8010,
-2.3190

■ 234.6850, 22.6960,
-3.8320

■ 241.4410, 20.2670,
-9.3730

Harmonies

Analogous

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



110.8670, -104.1200, -18.3280



134.0040, -49.3810, 8.3710



141.4820, -12.2000, 22.8720

Triad

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



134.0040, -49.3810, 8.3710



140.4920, 51.7610, 14.5850



127.5380, -26.0830, -28.4110

Complementary

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



134.0040, -49.3810, 8.3710



160.9960, 49.3810, -8.3710

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.



133.1260, 7.4320, -24.5680



134.0040, -49.3810, 8.3710



139.1410, 47.7750, -1.2890

Square

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



134.0040, -49.3810, 8.3710



142.2650, 42.6350, 25.7950



136.6840, 32.4640, -15.6640



115.9040, -71.1520, -32.1120

Rectangle

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



134.0040, -49.3810, 8.3710



143.5510, 9.7150, 27.6910



136.6840, 32.4640, -15.6640



129.9970, -14.2540, -28.0300

Sweetspot

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



134.0040, -49.3810, 8.3710



229.8270, -18.3860, 2.8140



163.8830, -49.4640, -39.7040



112.3070, -11.0500, 2.0220



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.



134.0040, -49.3810, 8.3710



150.7640, -74.8280, 12.5000



105.8500, -33.2470, 35.3690



95.4880, -4.3100, 1.0180



62.9490, -73.9110, 12.4010



14.3110, -16.8730, 2.9270

Inverse Universe

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



130.8890, 50.1060, 39.0820



145.8960, 75.7320, 59.2520



189.1500, 33.2470, -35.3690



95.4460, 4.6760, 3.3640



58.1840, 74.8610, 58.5170



13.3000, 17.1910, 13.3430

Previews

White Background



This preview shows how the YIQ color 134.0040, -49.3810, 8.3710 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 134.0040, -49.3810, 8.3710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

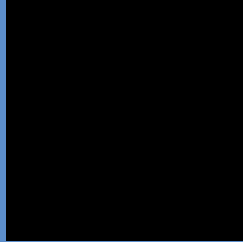
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 134.0040, -49.3810, 8.3710

Background



This preview shows how black text looks on a background with the YIQ color 134.0040, -49.3810, 8.3710.

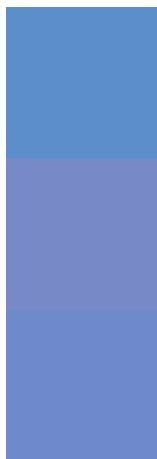


This preview shows how white text looks on a background with the YIQ color 134.0040, -49.3810, 8.3710.

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

134.0040, -49.3810, 8.3710

Protanopia

138.6860, -30.6300, 15.4660

Deuteranopia

137.4510, -37.2780, 14.8020



Tritanopia

129.5410, -47.3600, -11.7440

Trichromacy



Original Color

134.0040, -49.3810, 8.3710

Protanomaly

136.9840, -37.4610, 12.6110

Deuteranomaly

135.9450, -41.7250, 12.7950

Tritanomaly

130.9850, -48.3700, -4.4500

Monochromacy



Original Color

134.0040, -49.3810, 8.3710

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.1260, -17.7900, 3.0260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.0040, -49.3810, 8.3710 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(92, 142, 203)` looks like.

```
.text, #text, p{  
    color:rgb(92, 142, 203)  
}
```

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(92, 142, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 142, 203) }
```

Border

The CSS property to change the border of an element to YIQ 134.0040, -49.3810, 8.3710 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(92, 142, 203) }
```


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

```
.border{ border-color:rgb(92, 142, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 142, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 142, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 142, 203);  
box-shadow:4px 4px 4px 4px rgb(92, 142,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 134.0040, -49.3810, 8.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 142, 203) }
```

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

```
.background{ background-color: rgb(92, 142,  
203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor