

Converting Colors

YIQ(134.8300, 5.0360, 40.9080)

Have a look what the booklet for
YIQ(134.8300, 5.0360, 40.9080)
contains.

YIQ(134.8300, 5.0360, 40.9080)	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(134.8300, 5.0360,
40.9080)**

Conversions

Conversions Part 1

Format	Color
Hex	A56BC7
RGB	165, 107, 199
RGB Percent	65%, 42%, 78%
CMY	0.3527, 0.5805, 0.2197
CMYK	0.17, 0.46, 0.00, 0.22
HSL	278°, 45%, 60%
HSV	278°, 46%, 78%
XYZ	31.0899, 22.6379, 56.7558
YIQ	134.8300, 5.0360, 40.9080

Conversions

Conversions Part 2

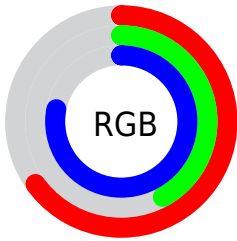
Format	Color
RYB	165, 107, 199
Decimal	10841031
CIELab	54.70, 39.78, -39.07
CIELCh	55, 55.752, 315.516
Yxy	22.6379, 0.2814, 0.2049
Android (android.graphics.Color)	4289031111 (0xFFA56BC7)
YUV	134.8300, 31.6358, 26.4591
Hunter-Lab	47.5794, 33.3738, -37.4195

Details

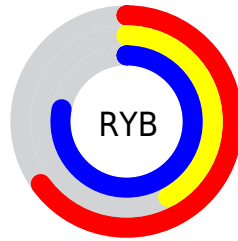
The YIQ color **134.8300, 5.0360, 40.9080** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **171.1700, -5.0360, -40.9080**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.3680, 6.4570, 42.6890**, and **83.1780, 3.9360, 38.8160** is the 20% darker color. If you saturate the color by 10%, you get **120.9970, 6.3640, 49.8840**, and if you desaturate by 10%, it is **148.6630, 3.7080, 31.9320**.

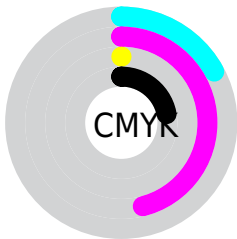
Distribution



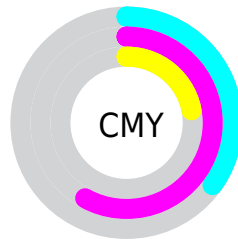
- Red (65%)
- Green (42%)
- Blue (78%)



- Red (65%)
- Yellow (42%)
- Blue (78%)



- Cyan (17%)
- Magenta (46%)
- Yellow (0%)
- Black (22%)



- Cyan (35%)
- Magenta (58%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.8300, 5.0360, 40.9080 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 134.8300, 5.0360, 40.9080 by changing the saturation by 10% instead.

134.8300, 5.0360,
40.9080

134.8300, 5.0360,
40.9080

255.0000, -0.0000,
-0.0000

108.8900, 4.8070,
39.5510

189.3680, 6.4570,
42.6890

83.1780, 3.9360,
38.8160

213.8880, 16.3160,
34.7160

58.3520, 3.3860,
37.7700

231.5200, 11.0000,
20.9200

31.1780, 3.9360,
38.8160

248.5430, 3.0250,
5.7530

18.3310, -1.2890,
28.8790

5.8420, -13.5740,
14.7300

3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 134.8300, 5.0360,
40.9080

■ 134.8300, 5.0360,
40.9080

■ 120.9970, 6.3640,
49.8840

■ 148.6630, 3.7080,
31.9320

■ 106.8650, 7.0960,
58.6480

■ 162.7950, 2.9760,
23.1680

■ 93.0320, 8.4240,
67.6240

■ 176.6280, 1.6480,
14.1920

■ 79.1990, 9.7520,
76.6000

■ 190.4610, 0.3200,
5.2160

■ 65.0670, 10.4840,
85.3640

■ 204.0060, -0.1370,
-3.0250

60.3600, 11.2170,
88.6010

217.8390, -1.4650,
-12.0010

231.6720, -2.7930,
-20.9770

239.3470, -0.5000,
-23.9880

241.4400, 3.6720,
-22.5040

Harmonies

Analogous

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



125.7880, -57.0400, 20.5280



134.8300, 5.0360, 40.9080



131.6210, 48.2250, 45.6410

Triad

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



134.8300, 5.0360, 40.9080



126.0710, 61.9910, -16.6410



108.0680, -92.1050, -32.3370

Complementary

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



134.8300, 5.0360, 40.9080



171.1700, -5.0360, -40.9080

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.



101.1940, -75.5050, -46.8410



134.8300, 5.0360, 40.9080



122.1500, 33.2470, -35.3690

Square

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



134.8300, 5.0360, 40.9080



127.5900, 74.7320, 11.2760



115.7390, -14.0680, -42.4200



111.3230, -105.4040, -17.0840

Rectangle

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



134.8300, 5.0360, 40.9080



128.3270, 66.4280, 40.6360



115.7390, -14.0680, -42.4200



106.2440, -86.9690, -37.3130

Sweetspot

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



134.8300, 5.0360, 40.9080



229.9810, 2.1520, 16.0720



138.0330, -39.1570, 10.3070



112.6940, 1.2820, 9.8100



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.



134.8300, 5.0360, 40.9080



157.2720, 7.5080, 62.1960



143.7420, 28.8310, 44.6950



92.8200, 0.6870, 4.0710



49.3790, 9.0650, 72.5290



10.9810, 2.1520, 16.0720

Inverse Universe

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



138.3840, 43.9180, 30.0780



162.6740, 67.0690, 45.5410



162.2580, -28.8310, -44.6950



93.0330, 4.4010, 2.8410



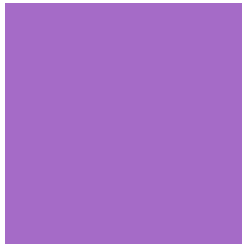
55.5770, 77.8880, 53.2160



12.2460, 17.2830, 11.6750

Previews

White Background



This preview shows how the YIQ color 134.8300, 5.0360, 40.9080 looks on a white background.

Color Contrast Check

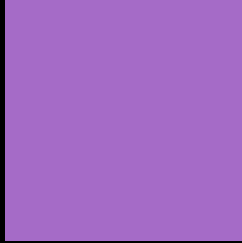
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.8300, 5.0360, 40.9080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

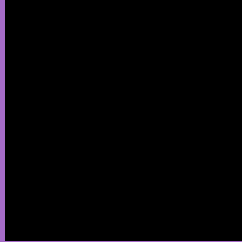
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 134.8300, 5.0360, 40.9080

Background



This preview shows how black text looks on a background with the YIQ color 134.8300, 5.0360, 40.9080.



This preview shows how white text looks on a background with the YIQ color 134.8300, 5.0360,

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

134.8300, 5.0360, 40.9080

Protanopia

128.0940, -49.1540, 20.7820

Deuteranopia

129.2230, -36.6360, 14.1800



Tritanopia

132.7080, 15.8620, 9.8940

Trichromacy



Original Color

134.8300, 5.0360, 40.9080

Protanomaly

130.3740, -29.2110, 28.3010

Deuteranomaly

131.6320, -21.3700, 23.8620

Tritanomaly

133.7050, 11.9170, 20.8210

Monochromacy



Original Color

134.8300, 5.0360, 40.9080

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.0410, 1.9230, 14.7150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.8300, 5.0360, 40.9080 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(165, 107, 199)` looks like.

```
.text, #text, p{  
    color:rgb(165, 107, 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(165, 107, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 107, 199) }
```

Border

The CSS property to change the border of an element to YIQ 134.8300, 5.0360, 40.9080 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(165, 107, 199) }
```


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

```
.border{ border-color:rgb(165, 107, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 107, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 107, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 107, 199);  
box-shadow:4px 4px 4px 4px rgb(165, 107,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 134.8300, 5.0360, 40.9080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 107, 199) }
```

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

```
.background{ background-color: rgb(165,  
107, 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](#).

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