

Converting Colors

YIQ(134.1680, 1.8690, 59.7650)

Have a look what the booklet for
YIQ(134.1680, 1.8690, 59.7650)
contains.

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Color

**YIQ(134.1680, 1.8690,
59.7650)**

Conversions

Conversions Part 1

Format	Color
Hex	AD5FEA
RGB	173, 95, 234
RGB Percent	68%, 37%, 92%
CMY	0.3213, 0.6276, 0.0825
CMYK	0.26, 0.59, 0.00, 0.08
HSL	274°, 77%, 64%
HSV	274°, 59%, 92%
XYZ	36.1858, 23.0098, 80.3568
YIQ	134.1680, 1.8690, 59.7650

Conversions

Conversions Part 2

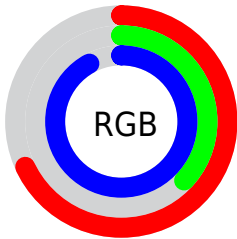
Format	Color
RYB	173, 95, 234
Decimal	11362282
CIELab	55.08, 56.00, -58.18
CIELCh	55, 80.751, 313.902
Yxy	23.0098, 0.2593, 0.1649
Android (android.graphics.Color)	4289552362 (0xFFAD5FEA)
YUV	134.1680, 49.2172, 34.0557
Hunter-Lab	47.9685, 50.7095, -65.7446

Details

The YIQ color **134.1680, 1.8690, 59.7650** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **194.8320, -1.8690, -59.7650**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.9010, 15.4420, 50.5620**, and **79.5160, 0.7690, 57.6730** is the 20% darker color. If you saturate the color by 10%, you get **117.6770, 2.2340, 69.6740**, and if you desaturate by 10%, it is **150.6590, 1.5040, 49.8560**.

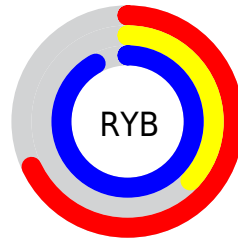
Distribution



Red (68%)

Green (37%)

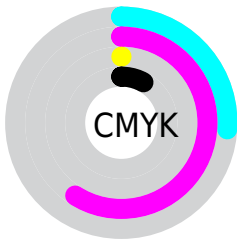
Blue (92%)



Red (68%)

Yellow (37%)

Blue (92%)

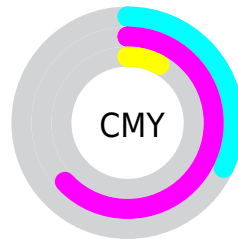


Cyan (26%)

Magenta (59%)

Yellow (0%)

Black (8%)



Cyan (32%)

Magenta (63%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.1680, 1.8690, 59.7650 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 134.1680, 1.8690, 59.7650 by changing the saturation by 10% instead.

134.1680, 1.8690,
59.7650

134.1680, 1.8690,
59.7650

255.0000, -0.0000,
-0.0000

106.9290, 1.0440,
58.1960

185.9010, 15.4420,
50.5620

79.5160, 0.7690,
57.6730

208.6270, 21.7250,
41.3170

47.5210, 2.3730,
61.6450

225.6500, 13.7500,
26.1500

32.0760, -4.0440,
51.2840

242.6730, 5.7750,
10.9830

19.8430, -14.1740,
36.6260

8.3220, -23.4330,
22.7030

7.9340, -16.8290,

13.1470

■ 3.7790, -9.2630,
8.1850

■ 0.0000, 0.0000,
0.0000

■ 134.1680, 1.8690,
59.7650

■ 134.1680, 1.8690,
59.7650

■ 117.6770, 2.2340,
69.6740

■ 150.6590, 1.5040,
49.8560

■ 100.5990, 2.8740,
80.1060

■ 168.0360, 1.4600,
39.6360

■ 83.8090, 2.6430,
89.8030

■ 184.5270, 1.0950,
29.7270

■ 66.7310, 3.2830,
100.2350

■ 201.6050, 0.4550,
19.2950

65.8450, 2.9620,
100.5460

218.0960, 0.0900,
9.3860

234.8860, 0.3210,
-0.3110

249.6160, 0.7810,
-8.6510

252.6060, 6.7410,
-6.5310

Harmonies

Analogous

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



105.3800, -117.6050, 11.3150



134.1680, 1.8690, 59.7650



119.2230, 71.0980, 77.1620

Triad

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



134.1680, 1.8690, 59.7650



124.3150, 81.6150, -19.8650



113.7900, -97.1940, -33.7220

Complementary

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



134.1680, 1.8690, 59.7650



194.8320, -1.8690, -59.7650

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.



103.5930, -72.6150, -55.1670



134.1680, 1.8690, 59.7650



120.4630, 39.2550, -45.1370

Square

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



134.1680, 1.8690, 59.7650



119.6280, 107.1000, 19.3880



99.6780, -22.4070, -73.0230



119.9120, -117.1880, -12.7720

Rectangle

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



134.1680, 1.8690, 59.7650



107.6100, 100.6250, 76.1850



99.6780, -22.4070, -73.0230



110.3530, -88.8940, -40.9740

Sweetspot

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



134.1680, 1.8690, 59.7650



222.0180, 0.7300, 19.8180



147.8270, -61.9440, 10.2800



107.0900, 0.2270, 12.4110



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.



134.1680, 1.8690, 59.7650



125.1320, 2.6910, 77.9150



151.6090, 40.4720, 70.5200



109.0480, 0.0450, 4.6930



51.1320, 2.6910, 77.9150



15.1260, 0.5460, 23.1540

Inverse Universe

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



143.5150, 63.2630, 48.4390



137.1250, 82.5170, 62.9410



177.3910, -40.4720, -70.5200



109.8590, 4.9510, 3.8870



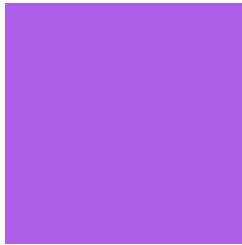
63.1250, 82.5170, 62.9410



18.7680, 24.8010, 18.6010

Previews

White Background



This preview shows how the YIQ color 134.1680, 1.8690, 59.7650 looks on a white background.

Color Contrast Check

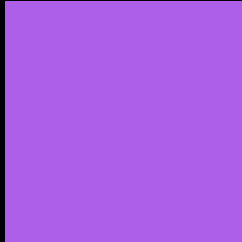
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.1680, 1.8690, 59.7650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

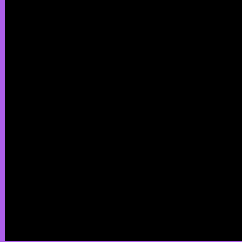
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 134.1680, 1.8690, 59.7650

Background



This preview shows how black text looks on a background with the YIQ color 134.1680, 1.8690, 59.7650.



This preview shows how white text looks on a background with the YIQ color 134.1680, 1.8690,

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

134.1680, 1.8690, 59.7650

Protanopia

121.2490, -83.0830, 24.4450

Deuteranopia

122.0740, -72.7650, 13.6590



Tritanopia

134.0070, 16.4580, 10.1060

Trichromacy



Original Color

134.1680, 1.8690, 59.7650



Protanomaly

125.8510, -52.1830, 37.1370



Deuteranomaly

126.4570, -45.4420, 30.6060



Tritanomaly

134.1490, 10.9070, 28.1150

Monochromacy



Original Color

134.1680, 1.8690, 59.7650



Achromatopsia

134.0000, -0.0000, -0.0000



Achromatomaly

134.0720, 0.6380, 21.4860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.1680, 1.8690, 59.7650 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(173, 95, 234)` looks like.

```
.text, #text, p{  
    color:rgb(173, 95, 234)  
}
```

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(173, 95, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 95, 234) }
```

Border

The CSS property to change the border of an element to YIQ 134.1680, 1.8690, 59.7650 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(173, 95, 234) }
```


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

```
.border{ border-color:rgb(173, 95, 234) }
```

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

Here you see how a box with a 4 pixel rgb(173, 95, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 95, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 95, 234);  
box-shadow:4px 4px 4px 4px rgb(173, 95,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 134.1680, 1.8690, 59.7650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 95, 234) }
```

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

```
.background{ background-color: rgb(173, 95,  
234) }
```

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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