

Converting Colors

YIQ(154.3480, 9.2090, 36.8650)

Have a look what the booklet for
YIQ(154.3480, 9.2090, 36.8650)
contains.

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Color

**YIQ(154.3480, 9.2090,
36.8650)**

Conversions

Conversions Part 1

Format	Color
Hex	BA80CF
RGB	186, 128, 207
RGB Percent	73%, 50%, 81%
CMY	0.2704, 0.4981, 0.1883
CMYK	0.10, 0.38, 0.00, 0.19
HSL	284°, 45%, 66%
HSV	284°, 38%, 81%
XYZ	39.2390, 30.3818, 62.8236
YIQ	154.3480, 9.2090, 36.8650

Conversions

Conversions Part 2

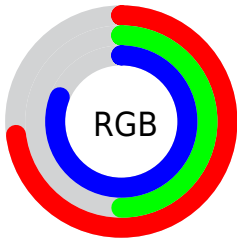
Format	Color
R_{YB}	186, 128, 207
Decimal	12222671
CIE _{Lab}	61.98, 36.17, -32.05
CIE _{LCh}	62, 48.328, 318.459
Yxy	30.3818, 0.2963, 0.2294
Android (android.graphics.Color)	4290412751 (0xFFBA80CF)
YUV	154.3480, 25.9574, 27.7588
Hunter-Lab	55.1197, 30.6125, -28.9930

Details

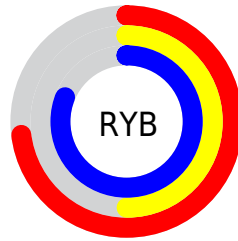
The YIQ color **154.3480, 9.2090, 36.8650** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **180.6520, -9.2090, -36.8650**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.5610, 12.9230, 35.6350**, and **101.6960, 8.1090, 34.7730** is the 20% darker color. If you saturate the color by 10%, you get **140.5260, 12.0040, 46.7880**, and if you desaturate by 10%, it is **168.4690, 7.0100, 27.1540**.

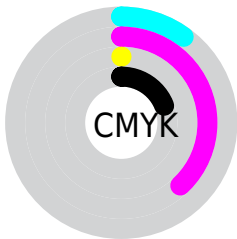
Distribution



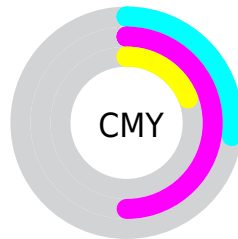
- Red (73%)
- Green (50%)
- Blue (81%)



- Red (73%)
- Yellow (50%)
- Blue (81%)



- Cyan (10%)
- Magenta (38%)
- Yellow (0%)
- Black (19%)



- Cyan (27%)
- Magenta (50%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.3480, 9.2090, 36.8650 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 154.3480, 9.2090, 36.8650 by changing the saturation by 10% instead.

154.3480, 9.2090,
36.8650

154.3480, 9.2090,
36.8650

255.0000, -0.0000,
-0.0000

127.5220, 8.6590,
35.8190

208.5610, 12.9230,
35.6350

101.9950, 8.7050,
34.9850

228.5850, 12.3750,
23.5350

76.8700, 7.5590,
33.7270

245.0210, 4.6750,
8.8910

52.4570, 7.2840,
33.2040

26.9840, 7.2380,
34.0380

16.2080, 3.2510,
23.6910

4.1210, -10.2260,

9.1180

■ 0.2280, -0.6420,
0.6220

■ 0.0000, 0.0000,
0.0000

■ 154.3480, 9.2090,
36.8650

■ 154.3480, 9.2090,
36.8650

■ 140.5260, 12.0040,
46.7880

■ 168.4690, 7.0100,
27.1540

■ 126.9920, 13.9280,
55.9760

■ 181.7040, 4.4900,
17.7540

■ 113.1700, 16.7230,
65.8990

■ 195.8250, 2.2910,
8.0430

■ 99.0490, 18.9220,
75.6100

■ 209.6470, -0.5040,
-1.8800

85.2270, 21.7170,
85.5330

222.8820, -3.0240,
-11.2800

71.6930, 23.6410,
94.7210

237.0030, -5.2230,
-20.9910

69.0460, 24.1450,
96.6010

240.2590, -3.0680,
-21.5000

242.0530, 0.5080,
-20.2280

243.5480, 3.4880,
-19.1680

Harmonies

Analogous

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



148.8240, -39.5260, 22.5060



154.3480, 9.2090, 36.8650



152.7360, 46.1630, 38.9550

Triad

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



154.3480, 9.2090, 36.8650



147.1610, 53.0500, -14.2940



120.4410, -103.5210, -34.6970

Complementary

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



154.3480, 9.2090, 36.8650



180.6520, -9.2090, -36.8650

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.



114.7240, -88.8010, -48.1690



154.3480, 9.2090, 36.8650



143.5330, 25.0390, -29.7850

Square

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



154.3480, 9.2090, 36.8650



149.0620, 67.3510, 7.3750



136.8300, -15.5820, -37.0060



122.8980, -114.5730, -21.6210

Rectangle

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



154.3480, 9.2090, 36.8650



150.6480, 60.7900, 32.6780



136.8300, -15.5820, -37.0060



118.7310, -98.7060, -39.3620

Sweetspot

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



154.3480, 9.2090, 36.8650



236.4710, 3.5280, 13.1600



149.3330, -31.1340, 13.5860



116.5260, 1.6950, 7.8310



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.



154.3480, 9.2090, 36.8650



177.0520, 13.6990, 54.6190



158.5750, 27.5030, 35.7190



97.6460, 1.2370, 5.1170



56.2280, 19.9760, 78.5360



13.6440, 4.7190, 19.1110

Inverse Universe

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



154.0150, 40.3430, 23.2790



176.5170, 59.7810, 34.4450



176.4250, -27.5030, -35.7190



97.6310, 5.5930, 3.2650



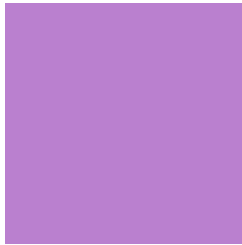
55.3620, 85.6830, 49.6110



13.5130, 20.9050, 12.1130

Previews

White Background



This preview shows how the YIQ color 154.3480, 9.2090, 36.8650 looks on a white background.

Color Contrast Check

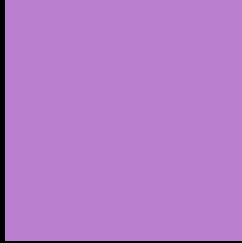
Large Text (above 18pt) WCAG AA × Fail

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 154.3480, 9.2090, 36.8650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

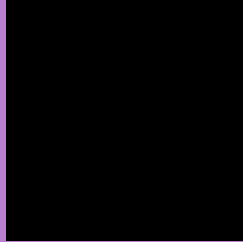
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.3480, 9.2090, 36.8650

Background



This preview shows how black text looks on a background with the YIQ color 154.3480, 9.2090, 36.8650.



This preview shows how white text looks on a background with the YIQ color 154.3480, 9.2090,

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

154.3480, 9.2090, 36.8650

Protanopia

149.6730, -37.7830, 18.4490

Deuteranopia

150.3830, -25.4030, 14.3490



Tritanopia

152.6160, 19.1170, 11.4770

Trichromacy



Original Color

154.3480, 9.2090, 36.8650

Protanomaly

151.4580, -20.8200, 24.9080

Deuteranomaly

152.0690, -12.4750, 22.3490

Tritanomaly

153.4450, 15.5850, 20.4250

Monochromacy



Original Color

154.3480, 9.2090, 36.8650

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.4710, 3.5280, 13.1600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.3480, 9.2090, 36.8650 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(186, 128, 207)` looks like.

```
.text, #text, p{  
    color:rgb(186, 128, 207)  
}
```

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(186, 128, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 128, 207) }
```

Border

The CSS property to change the border of an element to YIQ 154.3480, 9.2090, 36.8650 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(186, 128, 207) }
```


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

```
.border{ border-color:rgb(186, 128, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 128, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 128, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 128, 207);  
box-shadow:4px 4px 4px 4px rgb(186, 128,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 154.3480, 9.2090, 36.8650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 128, 207) }
```

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

```
.background{ background-color: rgb(186,  
128, 207) }
```

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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