

Converting Colors

YIQ(154.1980, 18.3790, 35.8750)

Have a look what the booklet for
YIQ(154.1980, 18.3790, 35.8750)
contains.

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Color

**YIQ(154.1980, 18.3790,
35.8750)**

Conversions

Conversions Part 1

Format	Color
Hex	C27EC3
RGB	194, 126, 195
RGB Percent	76%, 49%, 76%
CMY	0.2390, 0.5060, 0.2353
CMYK	0.00, 0.35, 0.00, 0.24
HSL	299°, 37%, 63%
HSV	299°, 35%, 76%
XYZ	39.5697, 30.3310, 55.4016
YIQ	154.1980, 18.3790, 35.8750

Conversions

Conversions Part 2

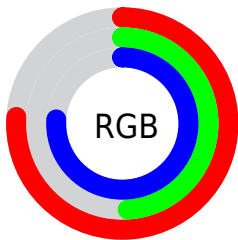
Format	Color
RYB	194, 126, 195
Decimal	12746435
CIELab	61.94, 37.40, -25.29
CIElCh	62, 45.151, 325.935
Yxy	30.3310, 0.3158, 0.2421
Android (android.graphics.Color)	4290936515 (0xFFC27EC3)
YUV	154.1980, 20.1154, 34.9064
Hunter-Lab	55.0736, 31.8710, -21.0916

Details

The YIQ color **154.1980, 18.3790, 35.8750** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **166.8020, -18.3790, -35.8750**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.7360, 19.8000, 37.6560**, and **101.6600, 16.9580, 34.0940** is the 20% darker color. If you saturate the color by 10%, you get **142.4580, 23.8790, 46.3350**, and if you desaturate by 10%, it is **165.3510, 13.1540, 25.9380**.

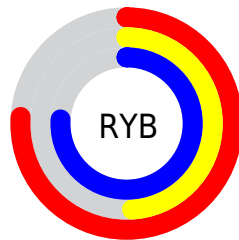
Distribution



Red (76%)

Green (49%)

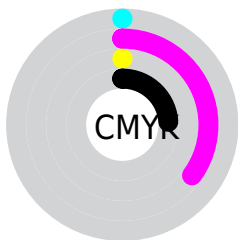
Blue (76%)



Red (76%)

Yellow (49%)

Blue (76%)

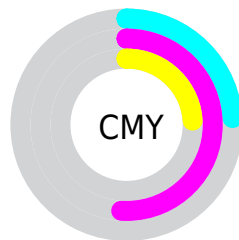


Cyan (0%)

Magenta (35%)

Yellow (0%)

Black (24%)



Cyan (24%)

Magenta (51%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.1980, 18.3790, 35.8750 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 154.1980, 18.3790, 35.8750 by changing the saturation by 10% instead.

154.1980, 18.3790,
35.8750

154.1980, 18.3790,
35.8750

255.0000, -0.0000,
-0.0000

127.4860, 17.5080,
35.1400

209.7360, 19.8000,
37.6560

101.6600, 16.9580,
34.0940

227.4110, 12.9250,
24.5810

76.2470, 16.6830,
33.5710

243.8470, 5.2250,
9.9370

51.6490, 15.4910,
33.1470

26.1760, 15.4450,
33.9810

17.3890, 9.9910,
22.6870

2.6220, -7.3830,

7.1530

■ 0.0000, 0.0000,
0.0000

■ 154.1980, 18.3790,
35.8750

■ 154.1980, 18.3790,
35.8750

■ 142.4580, 23.8790,
46.3350

■ 165.3510, 13.1540,
25.9380

■ 131.3050, 29.1040,
56.2720

■ 177.3900, 8.2500,
15.6900

■ 119.2660, 34.0080,
66.5200

■ 188.5430, 3.0250,
5.7530

■ 108.1130, 39.2330,
76.4570

■ 200.2830, -2.4750,
-4.7070

■ 96.3730, 44.7330,
86.9170

■ 211.4360, -7.7000,
-14.6440

■ 84.9210, 49.3620,
96.6420

■ 223.4750,
-12.6040, -24.8920

■ 79.6380, 51.8370,
101.3490

■ 230.5190,
-15.9040, -31.1680

Harmonies

Analogous

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



151.1310, -24.2130, 25.8270



154.1980, 18.3790, 35.8750



152.6560, 49.1440, 34.4880

Triad

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



154.1980, 18.3790, 35.8750



146.6760, 44.1100, -17.4740



120.6520, -105.4930, -31.9970

Complementary

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



154.1980, 18.3790, 35.8750



166.8020, -18.3790, -35.8750

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.



116.0920, -92.6530, -44.4370



154.1980, 18.3790, 35.8750



142.8570, 15.3190, -29.8410

Square

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



154.1980, 18.3790, 35.8750



148.6650, 60.9790, 1.7070



136.0940, -25.0730, -35.7050



121.3650, -114.3900, -19.4300

Rectangle

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



154.1980, 18.3790, 35.8750



150.7740, 60.1950, 26.9390



136.0940, -25.0730, -35.7050



119.1700, -101.3200, -36.0400

Sweetspot

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



154.1980, 18.3790, 35.8750



236.1510, 7.4250, 14.1210



134.4530, -22.4240, 20.9360



117.7220, 4.0790, 8.6790



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.



154.1980, 18.3790, 35.8750



189.4790, 28.5540, 55.2260



150.7350, 29.5680, 25.8240



91.1300, 2.7500, 5.2300



65.5960, 42.4870, 83.5670



13.6290, 9.0750, 17.2590

Inverse Universe

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



146.7450, 40.8030, 14.9390



177.9220, 62.5340, 23.0940



170.2650, -29.5680, -25.8240



89.9900, 5.9600, 2.1200



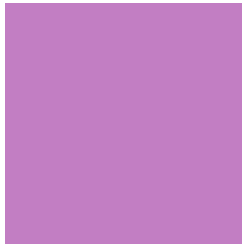
48.3670, 95.3140, 34.7540



9.8670, 19.6680, 6.9960

Previews

White Background



This preview shows how the YIQ color 154.1980, 18.3790, 35.8750 looks on a white background.

Color Contrast Check

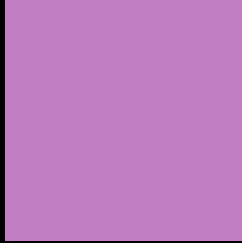
Large Text (above 18pt) WCAG AA × Fail

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 154.1980, 18.3790, 35.8750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

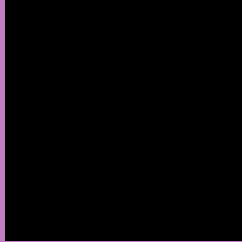
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.1980, 18.3790, 35.8750

Background



This preview shows how black text looks on a background with the YIQ color 154.1980, 18.3790, 35.8750.



This preview shows how white text looks on a background with the YIQ color 154.1980, 18.3790,

35.8750.

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

154.1980, 18.3790, 35.8750

Protanopia

149.9140, -31.2720, 16.0880

Deuteranopia

150.8200, -16.5080, 12.8360



Tritanopia

152.6880, 27.7820, 14.1340

Trichromacy



Original Color

154.1980, 18.3790, 35.8750



Protanomaly

151.4110, -13.4380, 23.2820



Deuteranomaly

151.9190, -3.3050, 21.3590



Tritanomaly

152.9900, 24.2960, 22.2480

Monochromacy



Original Color

154.1980, 18.3790, 35.8750



Achromatopsia

154.0000, -0.0000, -0.0000



Achromatomaly

154.3250, 6.8750, 13.0750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.1980, 18.3790, 35.8750 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(194, 126, 195)` looks like.

```
.text, #text, p{  
    color:rgb(194, 126, 195)  
}
```

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(194, 126, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 126, 195) }
```

Border

The CSS property to change the border of an element to YIQ 154.1980, 18.3790, 35.8750 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(194, 126, 195) }
```


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

```
.border{ border-color:rgb(194, 126, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 126, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 126, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 126, 195);  
box-shadow:4px 4px 4px 4px rgb(194, 126,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 154.1980, 18.3790, 35.8750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 126, 195) }
```

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

```
.background{ background-color: rgb(194,  
126, 195) }
```

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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