

Converting Colors

YIQ(151.9580, 36.4900, 32.5380)

Have a look what the booklet for
YIQ(151.9580, 36.4900, 32.5380)
contains.

YIQ(151.9580, 36.4900, 32.5380)	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(151.9580, 36.4900,
32.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	CF79A7
RGB	207, 121, 167
RGB Percent	81%, 47%, 65%
CMY	0.1880, 0.5256, 0.3450
CMYK	0.00, 0.42, 0.19, 0.19
HSL	328°, 47%, 64%
HSV	328°, 42%, 81%
XYZ	39.5594, 29.7310, 40.2264
YIQ	151.9580, 36.4900, 32.5380

Conversions

Conversions Part 2

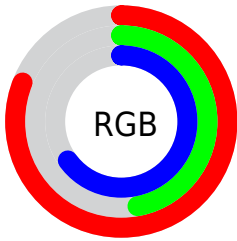
Format	Color
R _Y B	207, 121, 167
Decimal	13597095
CIE Lab	61.42, 39.60, -10.02
CIE LCh	61, 40.849, 345.795
Yxy	29.7310, 0.3612, 0.2715
Android (android.graphics.Color)	4291787175 (0xFFCF79A7)
YUV	151.9580, 7.4157, 48.2718
Hunter-Lab	54.5261, 34.0831, -5.5726

Details

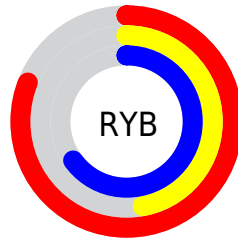
The YIQ color $151.9580, 36.4900, 32.5380$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $176.0420, -36.4900, -32.5380$, and the grayscale version is $152.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $204.2780, 32.5930, 31.5770$, and $99.3490, 33.8310, 31.1670$ is the 20% darker color. If you saturate the color by 10%, you get $138.4910, 45.4750, 40.4110$, and if you desaturate by 10%, it is $165.4250, 27.5050, 24.6650$.

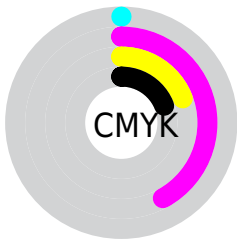
Distribution



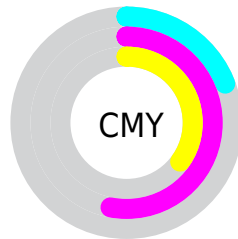
- Red (81%)
- Green (47%)
- Blue (65%)



- Red (81%)
- Yellow (47%)
- Blue (65%)



- Cyan (0%)
- Magenta (42%)
- Yellow (19%)
- Black (19%)




- Cyan (19%)
- Magenta (53%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 151.9580, 36.4900, 32.5380 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 151.9580, 36.4900, 32.5380 by changing the saturation by 10% instead.


 151.9580, 36.4900,
32.5380


 151.9580, 36.4900,
32.5380


255.0000, -0.0000,
-0.0000


 125.3600, 35.2980,
32.1140


 204.2780, 32.5930,
31.5770


 99.3490, 33.8310,
31.1670


 224.0200, 15.5840,
25.9520

 73.2780, 32.5930,
31.5770

 240.9120, 6.6000,
12.5520

 46.6200, 31.6300,
32.5100

 26.3590, 27.8710,
29.0470

 17.5010, 21.1790,
18.1630

 2.0930, 4.1720,

1.4840

■ 0.0000, 0.0000,
0.0000

■ 151.9580, 36.4900,
32.5380

■ 151.9580, 36.4900,
32.5380

■ 138.4910, 45.4750,
40.4110

■ 165.4250, 27.5050,
24.6650

■ 125.7250, 53.8640,
48.0720

■ 178.1910, 19.1160,
17.0040

■ 112.2580, 62.8490,
55.9450

■ 191.6580, 10.1310,
9.1310

■ 98.9050, 71.5130,
64.1290

■ 205.1250, 1.1460,
1.2580

■ 85.4380, 80.4980,
72.0020

■ 217.8910, -7.2430,
-6.4030

■ 74.5470, 87.7410,
78.4050

■ 231.3580,
-16.2280, -14.2760

■ 238.2540,
-21.8670, -16.7070

■ 239.3940,
-25.0770, -13.5970

■ 240.5340,
-28.2870, -10.4870

Harmonies

Analogous

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



152.7940, 4.7170, 30.1650



151.9580, 36.4900, 32.5380



149.8550, 55.4730, 24.4090

Triad

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



151.9580, 36.4900, 32.5380



143.4500, 24.0750, -23.3250



118.9540, -108.9790, -23.8830

Complementary

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



151.9580, 36.4900, 32.5380



176.0420, -36.4900, -32.5380

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.



117.0670, -99.5320, -35.4040



151.9580, 36.4900, 32.5380



138.6400, -8.9350, -30.8150

Square

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



151.9580, 36.4900, 32.5380



146.3870, 46.7220, -9.7420



129.4900, -52.4910, -34.4030



130.4660, -86.3330, -4.7730

Rectangle

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



151.9580, 36.4900, 32.5380



149.0860, 58.7760, 14.1040



129.4900, -52.4910, -34.4030



118.9880, -106.3190, -28.0390

Sweetspot

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



151.9580, 36.4900, 32.5380



235.2070, 13.0190, 11.8590



142.4650, -4.3620, 35.0140



116.4080, 7.8390, 6.6150



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.



151.9580, 36.4900, 32.5380



173.7250, 53.8640, 48.0720



147.1700, 49.9720, 19.4760



97.9730, 4.6300, 4.1980



60.4920, 71.2380, 63.6060



14.7670, 17.3740, 15.5340

Inverse Universe

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



151.9580, 36.4900, 32.5380



173.7250, 53.8640, 48.0720



180.8300, -49.9720, -19.4760



97.9730, 4.6300, 4.1980



60.4920, 71.2380, 63.6060



14.7670, 17.3740, 15.5340

Previews

White Background



This preview shows how the YIQ color 151.9580, 36.4900, 32.5380 looks on a white background.

Color Contrast Check

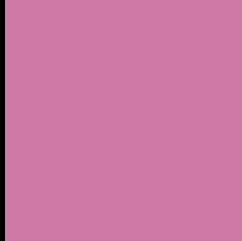
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.9580, 36.4900, 32.5380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

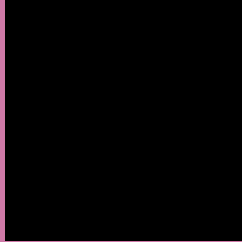
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 151.9580, 36.4900, 32.5380

Background



This preview shows how black text looks on a background with the YIQ color 151.9580, 36.4900, 32.5380.



This preview shows how white text looks on a background with the YIQ color 151.9580, 36.4900,

32.5380.

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

151.9580, 36.4900, 32.5380

Protanopia

149.2390, -16.3700, 10.3340

Deuteranopia

150.6400, 1.3740, 8.1420



Tritanopia

151.0490, 43.0030, 19.1230

Trichromacy



Original Color

151.9580, 36.4900, 32.5380

Protanomaly

150.3340, 2.6560, 17.9520

Deuteranomaly

150.8530, 14.2560, 16.9760

Tritanomaly

151.4280, 40.6180, 23.8020

Monochromacy



Original Color

151.9580, 36.4900, 32.5380

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

152.0930, 13.3400, 11.5480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.9580, 36.4900, 32.5380 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(207, 121, 167)` looks like.

```
.text, #text, p{  
    color:rgb(207, 121, 167)  
}
```

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(207, 121, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 121, 167) }
```

Border

The CSS property to change the border of an element to YIQ 151.9580, 36.4900, 32.5380 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(207, 121, 167) }
```


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

```
.border{ border-color:rgb(207, 121, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 121, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 121, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 121, 167);  
box-shadow:4px 4px 4px 4px rgb(207, 121,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 151.9580, 36.4900, 32.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 121, 167) }
```

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

```
.background{ background-color: rgb(207,  
121, 167) }
```

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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