

Converting Colors

YIQ(152.8510, 17.7380, 30.9700)

Have a look what the booklet for
YIQ(152.8510, 17.7380, 30.9700)
contains.

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Color

**YIQ(152.8510, 17.7380,
30.9700)**

Conversions

Conversions Part 1

Format	Color
Hex	BD80BA
RGB	189, 128, 186
RGB Percent	74%, 50%, 73%
CMY	0.2586, 0.4981, 0.2706
CMYK	0.00, 0.32, 0.02, 0.26
HSL	303°, 32%, 62%
HSV	303°, 32%, 74%
XYZ	37.5772, 29.8019, 50.2298
YIQ	152.8510, 17.7380, 30.9700

Conversions

Conversions Part 2

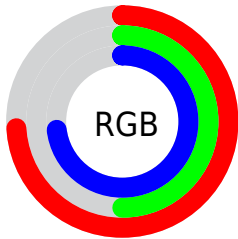
Format	Color
RYB	189, 128, 186
Decimal	12419258
CIELab	61.48, 32.99, -20.95
CIELCh	61, 39.080, 327.591
Yxy	29.8019, 0.3195, 0.2534
Android (android.graphics.Color)	4290609338 (0xFFBD80BA)
YUV	152.8510, 16.3425, 31.7027
Hunter-Lab	54.5911, 27.3342, -16.3395

Details

The YIQ color **152.8510, 17.7380, 30.9700** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **164.1490, -17.7380, -30.9700**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **207.9760, 18.8840, 32.2280**, and **100.7260, 16.5920, 29.7120** is the 20% darker color. If you saturate the color by 10%, you get **141.5840, 23.2840, 40.5960**, and if you desaturate by 10%, it is **164.1180, 12.1920, 21.3440**.

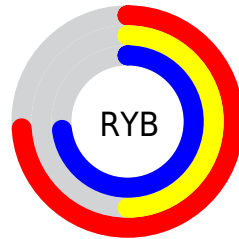
Distribution



Red (74%)

Green (50%)

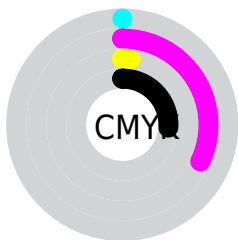
Blue (73%)



Red (74%)

Yellow (50%)

Blue (73%)

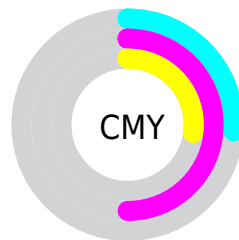


Cyan (0%)

Magenta (32%)

Yellow (2%)

Black (26%)



Cyan (26%)

Magenta (50%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.8510, 17.7380, 30.9700 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 152.8510, 17.7380, 30.9700 by changing the saturation by 10% instead.

152.8510, 17.7380,
30.9700

152.8510, 17.7380,
30.9700

255.0000, -0.0000,
-0.0000

126.1390, 16.8670,
30.2350

207.9760, 18.8840,
32.2280

100.7260, 16.5920,
29.7120

228.5850, 12.3750,
23.5350

75.9000, 16.0420,
28.6660

245.0210, 4.6750,
8.8910

51.3020, 14.8500,
28.2420

26.8290, 14.8040,
29.0760

15.6940, 10.4500,
19.8740

2.2970, -5.0900,

4.1420

0.0000, 0.0000,
0.0000

152.8510, 17.7380,
30.9700

152.8510, 17.7380,
30.9700

141.5840, 23.2840,
40.5960

164.1180, 12.1920,
21.3440

130.3170, 28.8300,
50.2220

175.3850, 6.6460,
11.7180

119.0500, 34.3760,
59.8480

186.6520, 1.1000,
2.0920

107.7830, 39.9220,
69.4740

197.9190, -4.4460,
-7.5340

96.5160, 45.4680,
79.1000

209.1860, -9.9920,
-17.1600

■ 85.8360, 50.7390,
88.2030

■ 219.8660,
-15.2630, -26.2630

■ 77.0310, 54.8640,
96.0480

■ 228.1980,
-19.4340, -33.2740

■ 228.3120,
-19.7550, -32.9630

Harmonies

Analogous

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



150.9590, -17.9770, 22.9430



152.8510, 17.7380, 30.9700



151.5580, 43.3680, 29.0320

Triad

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



152.8510, 17.7380, 30.9700



145.7340, 38.1950, -14.9010



117.8480, -103.1090, -31.1490

Complementary

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



152.8510, 17.7380, 30.9700



164.1490, -17.7380, -30.9700

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.



124.9210, -69.8220, -34.1900



152.8510, 17.7380, 30.9700



142.6380, 11.7420, -25.5860

Square

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



152.8510, 17.7380, 30.9700



148.2450, 53.4140, 1.1420



136.9250, -22.9190, -30.6870



118.5780, -110.6760, -20.6600

Rectangle

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



152.8510, 17.7380, 30.9700



150.0180, 53.4560, 22.4160



136.9250, -22.9190, -30.6870



117.1810, -99.8530, -35.0930

Sweetspot

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



152.8510, 17.7380, 30.9700



230.2110, 7.1960, 12.7640



135.5520, -18.3890, 19.3950



113.7820, 3.8500, 7.3220



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



152.8510, 17.7380, 30.9700



188.0780, 28.0050, 48.6530



149.4310, 27.3680, 21.6400



88.7170, 2.4750, 4.7070



64.3420, 46.0180, 80.1460



12.5750, 9.1670, 15.5910

Inverse Universe

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



152.8510, 17.7380, 30.9700



188.0780, 28.0050, 48.6530



167.5690, -27.3680, -21.6400



88.7170, 2.4750, 4.7070



64.3420, 46.0180, 80.1460



12.5750, 9.1670, 15.5910

Previews

White Background



This preview shows how the YIQ color 152.8510, 17.7380, 30.9700 looks on a white background.

Color Contrast Check

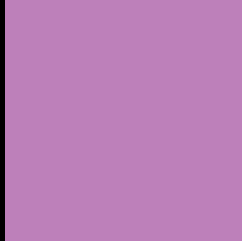
Large Text (above 18pt) WCAG AA ✓ Pass

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 152.8510, 17.7380, 30.9700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

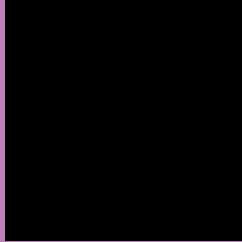
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 152.8510, 17.7380, 30.9700

Background



This preview shows how black text looks on a background with the YIQ color 152.8510, 17.7380, 30.9700.



This preview shows how white text looks on a background with the YIQ color 152.8510, 17.7380,

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

152.8510, 17.7380, 30.9700

Protanopia

149.1550, -24.7610, 13.7270

Deuteranopia

150.2180, -11.8770, 11.5070



Tritanopia

151.4920, 25.3980, 13.2860

Trichromacy



Original Color

152.8510, 17.7380, 30.9700

Protanomaly

150.4560, -9.3110, 20.0730

Deuteranomaly

151.0070, -0.7370, 18.8710

Tritanomaly

152.0390, 22.6000, 19.9440

Monochromacy



Original Color

152.8510, 17.7380, 30.9700

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.9720, 6.3710, 11.1950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.8510, 17.7380, 30.9700 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(189, 128, 186)` looks like.

```
.text, #text, p{  
    color:rgb(189, 128, 186)  
}
```

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(189, 128, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 128, 186) }
```

Border

The CSS property to change the border of an element to YIQ 152.8510, 17.7380, 30.9700 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(189, 128, 186) }
```


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

```
.border{ border-color:rgb(189, 128, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 128, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 128, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 128, 186);  
box-shadow:4px 4px 4px 4px rgb(189, 128,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 152.8510, 17.7380, 30.9700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 128, 186) }
```

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

```
.background{ background-color: rgb(189,  
128, 186) }
```

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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