

Converting Colors

YIQ(158.8860, 19.7980, 48.7100)

Have a look what the booklet for
YIQ(158.8860, 19.7980, 48.7100)
contains.

YIQ(158.8860, 19.7980, 48.7100)	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(158.8860, 19.7980,
48.7100)**

Conversions

Conversions Part 1

Format	Color
Hex	D07ADC
RGB	208, 122, 220
RGB Percent	82%, 48%, 86%
CMY	0.1840, 0.5217, 0.1372
CMYK	0.05, 0.45, 0.00, 0.14
HSL	293°, 58%, 67%
HSV	293°, 45%, 86%
XYZ	45.9050, 32.4973, 71.5638
YIQ	158.8860, 19.7980, 48.7100

Conversions

Conversions Part 2

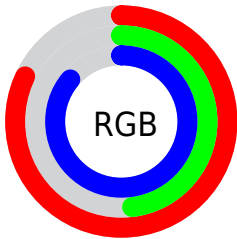
Format	Color
R_{YB}	208, 122, 220
Decimal	13662940
CIE _{Lab}	63.75, 48.54, -36.39
CIE _{LCh}	64, 60.660, 323.141
Yxy	32.4973, 0.3061, 0.2167
Android (android.graphics.Color)	4291853020 (0xFFD07ADC)
YUV	158.8860, 30.1292, 43.0730
Hunter-Lab	57.0064, 43.9776, -34.5260

Details

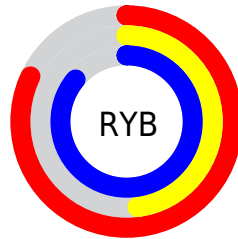
The YIQ color **158.8860, 19.7980, 48.7100** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **183.1140, -19.7980, -48.7100**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **209.2140, 21.4500, 40.7940**, and **105.3480, 18.3770, 46.9290** is the 20% darker color. If you saturate the color by 10%, you get **145.0750, 24.0600, 59.5800**, and if you desaturate by 10%, it is **172.6970, 15.5360, 37.8400**.

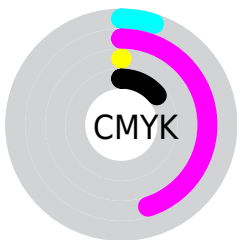
Distribution



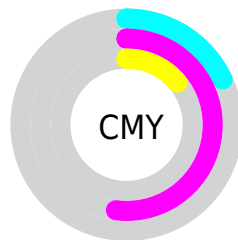
- Red (82%)
- Green (48%)
- Blue (86%)



- Red (82%)
- Yellow (48%)
- Blue (86%)



- Cyan (5%)
- Magenta (45%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (52%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.8860, 19.7980, 48.7100 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 158.8860, 19.7980, 48.7100 by changing the saturation by 10% instead.

158.8860, 19.7980,
48.7100

158.8860, 19.7980,
48.7100

255.0000, -0.0000,
-0.0000

132.0600, 19.2480,
47.6640

208.6270, 21.7250,
41.3170

105.3480, 18.3770,
46.9290

225.6500, 13.7500,
26.1500

78.0490, 17.7810,
46.7170

242.0860, 6.0500,
11.5060

49.1140, 19.1560,
49.3320

31.4460, 14.9850,
42.3210

21.2350, 7.7890,
29.5570

10.6540, -1.2410,

16.9910

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 158.8860, 19.7980,
48.7100

■ 158.8860, 19.7980,
48.7100

■ 145.0750, 24.0600,
59.5800

■ 172.6970, 15.5360,
37.8400

■ 131.5630, 28.9180,
70.6620

■ 186.2090, 10.6780,
26.7580

■ 117.7520, 33.1800,
81.5320

■ 200.0200, 6.4160,
15.8880

■ 103.9410, 37.4420,
92.4020

■ 213.8310, 2.1540,
5.0180

■ 90.4290, 42.3000,
103.4840

■ 227.3430, -2.7040,
-6.0640

■ 82.7870, 44.4080,
109.3360

■ 241.1540, -6.9660,
-16.9340

■ 242.6380, -5.4530,
-16.8210

■ 243.2360, -4.2610,
-16.3970

■ 244.1330, -2.4730,
-15.7610

Harmonies

Analogous

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



153.8380, -42.1410, 31.3550



158.8860, 19.7980, 48.7100



154.4550, 63.4920, 49.7960

Triad

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



158.8860, 19.7980, 48.7100



148.2140, 62.7260, -24.4580



127.8900, -112.0950, -33.4950

Complementary

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



158.8860, 19.7980, 48.7100



183.1140, -19.7980, -48.7100

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.



121.6200, -94.4400, -50.6000



158.8860, 19.7980, 48.7100



143.8560, 25.0870, -41.6730

Square

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



158.8860, 19.7980, 48.7100



151.0820, 81.7940, 4.4340



133.4700, -32.5440, -48.9920



130.6720, -125.4400, -17.4080

Rectangle

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



158.8860, 19.7980, 48.7100



151.8570, 79.4950, 40.6070



133.4700, -32.5440, -48.9920



125.8380, -106.3170, -39.0930

Sweetspot

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



158.8860, 19.7980, 48.7100



234.4330, 6.6910, 16.4110



140.8030, -35.0330, 23.6790



114.7760, 3.9870, 10.3470



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.



158.8860, 19.7980, 48.7100



170.9710, 27.5890, 67.2130



158.3700, 38.5060, 40.0580



102.9450, 1.8330, 5.3290



65.1700, 35.0590, 86.0270



17.2040, 9.0740, 22.7860

Inverse Universe

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



152.6700, 54.5560, 24.5080



162.1890, 75.3240, 33.5960



183.6300, -38.5060, -40.0580



102.4030, 6.2350, 2.6430



54.1210, 96.3670, 43.2070



14.4380, 25.4900, 11.6180

Previews

White Background



This preview shows how the YIQ color 158.8860, 19.7980, 48.7100 looks on a white background.

Color Contrast Check

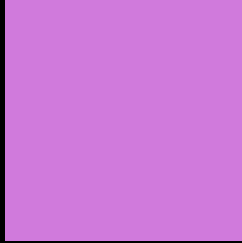
Large Text (above 18pt) WCAG AA × Fail

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 158.8860, 19.7980, 48.7100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

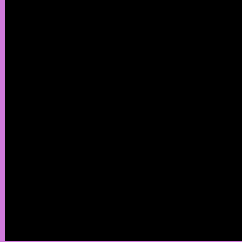
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.8860, 19.7980, 48.7100

Background



This preview shows how black text looks on a background with the YIQ color 158.8860, 19.7980, 48.7100.



This preview shows how white text looks on a background with the YIQ color 158.8860, 19.7980,

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

158.8860, 19.7980, 48.7100

Protanopia

153.0340, -48.9250, 22.1390

Deuteranopia

154.5720, -30.3090, 15.1550



Tritanopia

157.1940, 32.2290, 16.1410

Trichromacy



Original Color

158.8860, 19.7980, 48.7100



Protanomaly

155.1190, -23.9390, 31.8770



Deuteranomaly

156.4160, -11.8340, 27.2540



Tritanomaly

157.8320, 27.9170, 28.2130

Monochromacy



Original Color

158.8860, 19.7980, 48.7100



Achromatopsia

159.0000, -0.0000, 0.0000



Achromatomaly

159.2590, 7.2410, 17.4570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.8860, 19.7980, 48.7100 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(208, 122, 220)` looks like.

```
.text, #text, p{  
    color:rgb(208, 122, 220)  
}
```

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(208, 122, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 122, 220) }
```

Border

The CSS property to change the border of an element to YIQ 158.8860, 19.7980, 48.7100 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(208, 122, 220) }
```


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

```
.border{ border-color:rgb(208, 122, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 122, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 122, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 122, 220);  
box-shadow:4px 4px 4px 4px rgb(208, 122,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 158.8860, 19.7980, 48.7100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 122, 220) }
```

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

```
.background{ background-color: rgb(208,  
122, 220) }
```

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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