

Converting Colors

YIQ(158.0900, 18.5630, 32.5390)

Have a look what the booklet for
YIQ(158.0900, 18.5630, 32.5390)
contains.

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Color

**YIQ(158.0900, 18.5630,
32.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	C484C1
RGB	196, 132, 193
RGB Percent	77%, 52%, 76%
CMY	0.2312, 0.4824, 0.2431
CMYK	0.00, 0.33, 0.02, 0.23
HSL	303°, 35%, 64%
HSV	303°, 33%, 77%
XYZ	40.6516, 32.0881, 54.5071
YIQ	158.0900, 18.5630, 32.5390

Conversions

Conversions Part 2

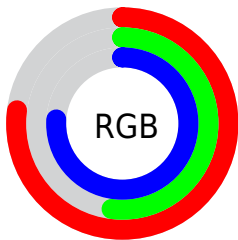
Format	Color
R_{YB}	196, 132, 193
Decimal	12879041
CIE _{Lab}	63.42, 34.41, -21.88
CIE _{LCh}	63, 40.777, 327.548
Yxy	32.0881, 0.3195, 0.2522
Android (android.graphics.Color)	4291069121 (0xFFC484C1)
YUV	158.0900, 17.2106, 33.2471
Hunter-Lab	56.6464, 28.9673, -17.3984

Details

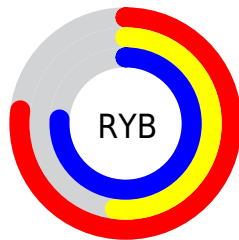
The YIQ color **158.0900, 18.5630, 32.5390** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **169.9100, -18.5630, -32.5390**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3290, 19.3880, 34.1080**, and **105.5520, 17.1420, 30.7580** is the 20% darker color. If you saturate the color by 10%, you get **146.2360, 24.3840, 42.6880**, and if you desaturate by 10%, it is **169.9440, 12.7420, 22.3900**.

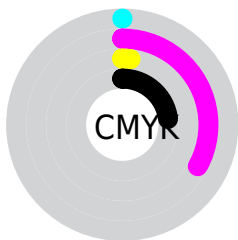
Distribution



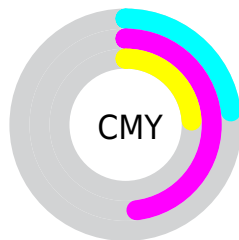
- Red (77%)
- Green (52%)
- Blue (76%)



- Red (77%)
- Yellow (52%)
- Blue (76%)



- Cyan (0%)
- Magenta (33%)
- Yellow (2%)
- Black (23%)



- Cyan (23%)
- Magenta (48%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.0900, 18.5630, 32.5390 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 158.0900, 18.5630, 32.5390 by changing the saturation by 10% instead.

■ 158.0900, 18.5630,
32.5390

■ 158.0900, 18.5630,
32.5390

255.0000, -0.0000,
-0.0000

■ 131.3780, 17.6920,
31.8040

■ 213.6280, 19.9840,
34.3200

■ 105.5520, 17.1420,
30.7580

■ 230.9330, 11.2750,
21.4430

■ 80.8400, 16.2710,
30.0230

■ 247.9560, 3.3000,
6.2760

■ 56.1280, 15.4000,
29.2880

■ 30.3670, 16.2250,
30.8570

■ 17.4600, 11.2290,
22.2770

■ 3.7040, -4.6780,

7.6900

■ 0.0000, 0.0000,
0.0000

■ 158.0900, 18.5630,
32.5390

■ 158.0900, 18.5630,
32.5390

■ 146.2360, 24.3840,
42.6880

■ 169.9440, 12.7420,
22.3900

■ 134.9690, 29.9300,
52.3140

■ 181.2110, 7.1960,
12.7640

■ 123.1150, 35.7510,
62.4630

■ 193.0650, 1.3750,
2.6150

■ 111.8480, 41.2970,
72.0890

■ 204.3320, -4.1710,
-7.0110

■ 99.9940, 47.1180,
82.2380

■ 216.1860, -9.9920,
-17.1600

■ 88.1400, 52.9390,
92.3870

■ 228.0400,
-15.8130, -27.3090

■ 79.9220, 56.7890,
99.7090

■ 231.0890,
-17.5090, -29.6130

■ 231.2030,
-17.8300, -29.3020

Harmonies

Analogous

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



155.4150, -19.2610, 24.1870



158.0900, 18.5630, 32.5390



156.2810, 45.7060, 30.7140

Triad

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



158.0900, 18.5630, 32.5390



150.6910, 39.7540, -15.6220



122.1680, -107.0060, -32.1100

Complementary

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



158.0900, 18.5630, 32.5390



169.9100, -18.5630, -32.5390

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.



127.8170, -75.4610, -36.6210



158.0900, 18.5630, 32.5390



146.8830, 12.4300, -27.0420

Square

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



158.0900, 18.5630, 32.5390



152.9140, 55.8440, 1.1560



141.3870, -24.3400, -32.4680



122.4250, -114.6190, -20.7870

Rectangle

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



158.0900, 18.5630, 32.5390



155.3280, 55.5190, 23.5750



141.3870, -24.3400, -32.4680



120.8000, -103.1540, -35.8420

Sweetspot

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



158.0900, 18.5630, 32.5390



240.2110, 7.1960, 12.7640



139.8940, -19.3520, 20.3280



118.4940, 4.7210, 8.0570



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.



158.0900, 18.5630, 32.5390



196.3170, 28.8300, 50.2220



154.5560, 28.5140, 22.8980



91.0160, 3.0710, 4.9190



65.5810, 46.8430, 81.7150



13.5150, 9.3960, 16.9480

Inverse Universe

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



158.0900, 18.5630, 32.5390



196.3170, 28.8300, 50.2220



173.4440, -28.5140, -22.8980



91.0160, 3.0710, 4.9190



65.5810, 46.8430, 81.7150



13.5150, 9.3960, 16.9480

Previews

White Background



This preview shows how the YIQ color 158.0900, 18.5630, 32.5390 looks on a white background.

Color Contrast Check

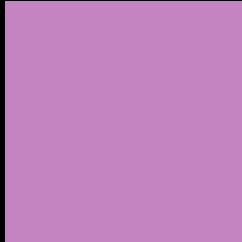
Large Text (above 18pt) WCAG AA × Fail

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 158.0900, 18.5630, 32.5390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

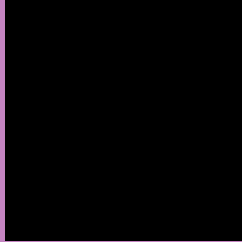
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.0900, 18.5630, 32.5390

Background



This preview shows how black text looks on a background with the YIQ color 158.0900, 18.5630, 32.5390.



This preview shows how white text looks on a background with the YIQ color 158.0900, 18.5630,

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

158.0900, 18.5630, 32.5390

Protanopia

154.1980, -26.3200, 14.4480

Deuteranopia

155.4460, -12.5190, 12.1290



Tritanopia

156.5030, 26.8650, 14.2330

Trichromacy



Original Color

158.0900, 18.5630, 32.5390

Protanomaly

155.7980, -10.2740, 21.0060

Deuteranomaly

156.2350, -1.3790, 19.4930

Tritanomaly

157.0500, 24.0670, 20.8910

Monochromacy



Original Color

158.0900, 18.5630, 32.5390

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

158.3850, 6.6460, 11.7180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.0900, 18.5630, 32.5390 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(196, 132, 193)` looks like.

```
.text, #text, p{  
    color:rgb(196, 132, 193)  
}
```

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(196, 132, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 132, 193) }
```

Border

The CSS property to change the border of an element to YIQ 158.0900, 18.5630, 32.5390 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(196, 132, 193) }
```


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

```
.border{ border-color:rgb(196, 132, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 132, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 132, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 132, 193);  
box-shadow:4px 4px 4px 4px rgb(196, 132,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 158.0900, 18.5630, 32.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 132, 193) }
```

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

```
.background{ background-color: rgb(196,  
132, 193) }
```

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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