

Converting Colors

YIQ(189.9520, 18.2910, 15.4350)

Have a look what the booklet for
YIQ(189.9520, 18.2910, 15.4350)
contains.

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Color

**YIQ(189.9520, 18.2910,
15.4350)**

Conversions

Conversions Part 1

Format	Color
Hex	D9AFC4
RGB	217, 175, 196
RGB Percent	85%, 69%, 77%
CMY	0.1489, 0.3138, 0.2313
CMYK	0.00, 0.19, 0.10, 0.15
HSL	330°, 36%, 77%
HSV	330°, 19%, 85%
XYZ	53.9158, 49.3954, 58.9257
YIQ	189.9520, 18.2910, 15.4350

Conversions

Conversions Part 2

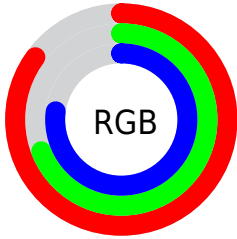
Format	Color
R _Y B	217, 175, 196
Decimal	14266308
CIE Lab	75.70, 18.66, -4.89
CIE LCh	76, 19.286, 345.323
Yxy	49.3954, 0.3323, 0.3045
Android (android.graphics.Color)	4292456388 (0xFFD9AFC4)
YUV	189.9520, 2.9817, 23.7211
Hunter-Lab	70.2819, 13.9407, -0.5126

Details

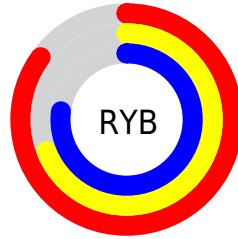
The YIQ color **189.9520, 18.2910, 15.4350** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **202.0480, -18.2910, -15.4350**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.6840, 7.2420, 11.9300**, and **136.2400, 17.4200, 14.7000** is the 20% darker color. If you saturate the color by 10%, you get **175.7840, 27.8720, 23.5200**, and if you desaturate by 10%, it is **204.1200, 8.7100, 7.3500**.

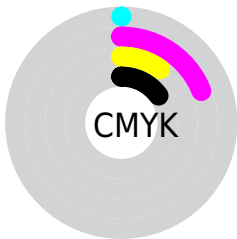
Distribution



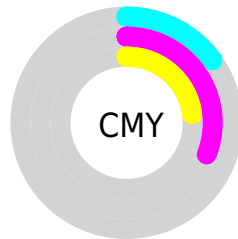
- Red (85%)
- Green (69%)
- Blue (77%)



- Red (85%)
- Yellow (69%)
- Blue (77%)



- Cyan (0%)
- Magenta (19%)
- Yellow (10%)
- Black (15%)





- Cyan (15%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 189.9520, 18.2910, 15.4350 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 189.9520, 18.2910, 15.4350 by changing the saturation by 10% instead.


 189.9520, 18.2910,
15.4350


 189.9520, 18.2910,
15.4350


255.0000, -0.0000,
-0.0000


 162.6530, 17.6950,
15.2230


 240.6840, 7.2420,
11.9300

 136.2400, 17.4200,
14.7000

 110.6420, 16.2280,
14.2760

 86.2290, 15.9530,
13.7530

 62.6310, 14.7610,
13.3290

 39.9190, 13.8900,
12.5940

 18.1470, 13.2480,

13.2160

0.0000, 0.0000,
0.0000

189.9520, 18.2910,
15.4350

189.9520, 18.2910,
15.4350

175.7840, 27.8720,
23.5200

204.1200, 8.7100,
7.3500

162.2030, 37.1780,
31.0820

217.7010, -0.5960,
-0.2120

148.0350, 46.7590,
39.1670

231.8690,
-10.1770, -8.2970

133.9810, 56.0190,
47.5630

241.8140,
-17.5120, -13.0320

119.8130, 65.6000,
55.6480

243.0680,
-21.0430, -9.6110

■ 106.2320, 74.9060,
63.2100

■ 243.6380,
-22.6480, -8.0560

■ 92.0640, 84.4870,
71.2950

■ 77.8960, 94.0680,
79.3800

■ 77.3090, 94.3430,
79.9030

Harmonies

Analogous

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



189.3400, 2.5190, 14.9270



189.9520, 18.2910, 15.4350



189.4060, 28.5160, 11.8440

Triad

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



189.9520, 18.2910, 15.4350



184.7930, 13.3440, -10.5600



180.6780, -37.3200, -6.4720

Complementary

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



189.9520, 18.2910, 15.4350



202.0480, -18.2910, -15.4350

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.



179.7290, -33.3300, -12.7060



189.9520, 18.2910, 15.4350



182.4750, -3.4360, -14.8280

Square

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



189.9520, 18.2910, 15.4350



186.7670, 25.4010, -3.2950



180.6780, -20.1250, -15.2370



183.8410, -30.1690, 1.5990

Rectangle

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



189.9520, 18.2910, 15.4350



189.0270, 30.9010, 7.1650



180.6780, -20.1250, -15.2370



180.0970, -37.1820, -8.9740

Sweetspot

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



189.9520, 18.2910, 15.4350



245.2830, 6.6930, 5.3570



185.7680, -1.5620, 17.3020



122.1470, 4.0800, 3.1520



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.



189.9520, 18.2910, 15.4350



217.0610, 25.5340, 21.8380



187.6720, 24.7110, 9.2150



102.8590, 4.9510, 3.8870



61.6450, 75.1810, 63.7330



16.3760, 20.0330, 16.9050

Inverse Universe

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



189.9520, 18.2910, 15.4350



217.0610, 25.5340, 21.8380



204.3280, -24.7110, -9.2150



102.8590, 4.9510, 3.8870



61.6450, 75.1810, 63.7330



16.3760, 20.0330, 16.9050

Previews

White Background



This preview shows how the YIQ color 189.9520, 18.2910, 15.4350 looks on a white background.

Color Contrast Check

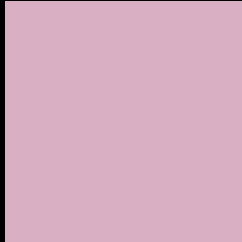
Large Text (above 18pt) WCAG AA × Fail

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 189.9520, 18.2910, 15.4350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

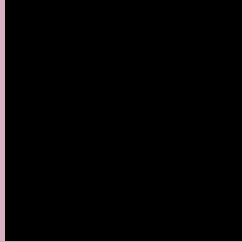
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.9520, 18.2910, 15.4350

Background



This preview shows how black text looks on a background with the YIQ color 189.9520, 18.2910, 15.4350.



This preview shows how white text looks on a background with the YIQ color 189.9520, 18.2910,

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

189.9520, 18.2910, 15.4350

Protanopia

187.8240, -5.1360, 4.9760

Deuteranopia

188.5760, 7.4260, 8.5940



Tritanopia

189.5560, 19.3460, 12.8340

Trichromacy



Original Color

189.9520, 18.2910, 15.4350

Protanomaly

188.5370, 3.1620, 8.7780

Deuteranomaly

189.1960, 11.5520, 10.9120

Tritanomaly

189.7840, 18.7040, 13.4560

Monochromacy



Original Color

189.9520, 18.2910, 15.4350

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.2830, 6.6930, 5.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.9520, 18.2910, 15.4350 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(217, 175, 196)` looks like.

```
.text, #text, p{  
    color:rgb(217, 175, 196)  
}
```

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(217, 175, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 175, 196) }
```

Border

The CSS property to change the border of an element to YIQ 189.9520, 18.2910, 15.4350 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(217, 175, 196) }
```


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

```
.border{ border-color:rgb(217, 175, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 175, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 175, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 175, 196);  
box-shadow:4px 4px 4px 4px rgb(217, 175,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 189.9520, 18.2910, 15.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 175, 196) }
```

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

```
.background{ background-color: rgb(217,  
175, 196) }
```

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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