

Converting Colors

YIQ(135.8920, 18.5200, 16.7920)

Have a look what the booklet for
YIQ(135.8920, 18.5200, 16.7920)
contains.

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Color

**YIQ(135.8920, 18.5200,
16.7920)**

Conversions

Conversions Part 1

Format	Color
Hex	A47890
RGB	164, 120, 144
RGB Percent	64%, 47%, 56%
CMY	0.3567, 0.5295, 0.4352
CMYK	0.00, 0.27, 0.12, 0.36
HSL	327°, 19%, 56%
HSV	327°, 27%, 64%
XYZ	27.0655, 23.3383, 29.4694
YIQ	135.8920, 18.5200, 16.7920

Conversions

Conversions Part 2

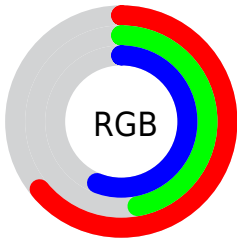
Format	Color
RYB	164, 120, 144
Decimal	10778768
CIELab	55.42, 21.11, -6.23
CIElCh	55, 22.010, 343.547
Yxy	23.3383, 0.3389, 0.2922
Android (android.graphics.Color)	4288968848 (0xFFA47890)
YUV	135.8920, 3.9972, 24.6507
Hunter-Lab	48.3097, 15.4625, -2.3506

Details

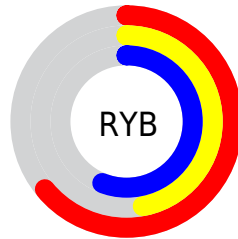
The YIQ color **135.8920, 18.5200, 16.7920** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **148.1080, -18.5200, -16.7920**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **189.6040, 19.3910, 17.5270**, and **85.8810, 17.0530, 15.8450** is the 20% darker color. If you saturate the color by 10%, you get **125.7020, 25.1670, 22.9830**, and if you desaturate by 10%, it is **146.0820, 11.8730, 10.6010**.

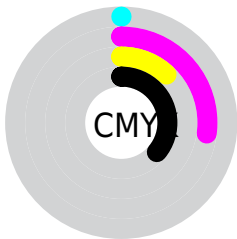
Distribution



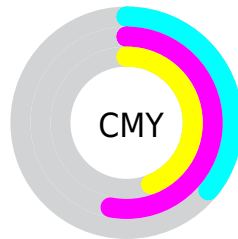
- Red (64%)
- Green (47%)
- Blue (56%)



- Red (64%)
- Yellow (47%)
- Blue (56%)



- Cyan (0%)
- Magenta (27%)
- Yellow (12%)
- Black (36%)



- Cyan (36%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.8920, 18.5200, 16.7920 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 135.8920, 18.5200, 16.7920 by changing the saturation by 10% instead.

■ 135.8920, 18.5200,
16.7920

■ 135.8920, 18.5200,
16.7920

255.0000, -0.0000,
-0.0000

■ 110.1800, 17.6490,
16.0570

■ 189.9030, 19.9870,
17.7390

■ 85.8810, 17.0530,
15.8450

■ 217.3160, 20.2620,
18.2620

■ 62.1690, 16.1820,
15.1100

■ 239.0370, 7.7460,
13.8100

■ 39.5710, 14.9900,
14.6860

■ 16.7990, 14.3480,
15.3080

■ 1.1960, 2.3840,
0.8480

■ 0.0000, 0.0000,

0.0000

135.8920, 18.5200,
16.7920

135.8920, 18.5200,
16.7920

125.7020, 25.1670,
22.9830

146.0820, 11.8730,
10.6010

114.8110, 32.4100,
29.3860

156.9730, 4.6300,
4.1980

104.6210, 39.0570,
35.5770

167.1630, -2.0170,
-1.9930

93.7300, 46.3000,
41.9800

178.0540, -9.2600,
-8.3960

83.5400, 52.9470,
48.1710

188.2440,
-15.9070, -14.5870

73.2360, 59.9150,
54.0510

198.5480,
-22.8750, -20.4670

62.4590, 66.8370,
60.7650

209.3250,
-29.7970, -27.1810

59.1820, 69.1750,
62.4470

219.6290,
-36.7650, -33.0610

222.7750,
-40.1120, -32.9760

Harmonies

Analogous

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



135.2690, 1.2810, 15.3370



135.8920, 18.5200, 16.7920



135.2320, 29.0660, 12.8900

Triad

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



135.8920, 18.5200, 16.7920



130.7500, 14.9030, -11.2810



124.3890, -43.8760, -8.8040

Complementary

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



135.8920, 18.5200, 16.7920



148.1080, -18.5200, -16.7920

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.



123.3370, -38.0980, -14.4020



135.8920, 18.5200, 16.7920



128.2470, -2.7940, -15.4500

Square

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



135.8920, 18.5200, 16.7920



132.8380, 26.6390, -3.7050



126.1400, -21.5460, -17.0180



128.6770, -35.5790, 0.5250

Rectangle

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



135.8920, 18.5200, 16.7920



134.7390, 31.7720, 7.9000



126.1400, -21.5460, -17.0180



123.8080, -43.7380, -11.3060

Sweetspot

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



135.8920, 18.5200, 16.7920



203.1090, 7.2430, 6.4030



130.9960, -2.2040, 17.9240



99.9730, 4.6300, 4.1980



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



135.8920, 18.5200, 16.7920



170.5500, 28.6510, 25.9230



133.3840, 25.5820, 9.9500



76.2610, 3.7590, 3.4630



52.3610, 61.0610, 55.3090



6.5220, 7.5180, 6.9260

Inverse Universe

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



135.8920, 18.5200, 16.7920



170.5500, 28.6510, 25.9230



150.6160, -25.5820, -9.9500



76.2610, 3.7590, 3.4630



52.3610, 61.0610, 55.3090



6.5220, 7.5180, 6.9260

Previews

White Background



This preview shows how the YIQ color 135.8920, 18.5200, 16.7920 looks on a white background.

Color Contrast Check

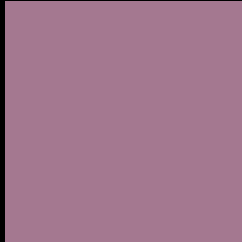
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.8920, 18.5200, 16.7920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

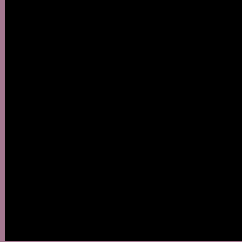
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.8920, 18.5200, 16.7920

Background



This preview shows how black text looks on a background with the YIQ color 135.8920, 18.5200, 16.7920.



This preview shows how white text looks on a background with the YIQ color 135.8920, 18.5200,

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

135.8920, 18.5200, 16.7920

Protanopia

133.6820, -7.6120, 5.7960

Deuteranopia

134.3690, 3.5750, 6.7990



Tritanopia

135.1000, 20.6300, 11.5900

Trichromacy



Original Color

135.8920, 18.5200, 16.7920

Protanomaly

134.5800, 1.6030, 9.4990

Deuteranomaly

135.1140, 8.8470, 10.3750

Tritanomaly

135.2680, 20.2170, 13.5690

Monochromacy



Original Color

135.8920, 18.5200, 16.7920

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.8100, 6.6470, 6.1910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.8920, 18.5200, 16.7920 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(164, 120, 144)` looks like.

```
.text, #text, p{  
    color:rgb(164, 120, 144)  
}
```

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(164, 120, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 120, 144) }
```

Border

The CSS property to change the border of an element to YIQ 135.8920, 18.5200, 16.7920 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(164, 120, 144) }
```


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

```
.border{ border-color:rgb(164, 120, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 120, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 120, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 120, 144);  
box-shadow:4px 4px 4px 4px rgb(164, 120,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 135.8920, 18.5200, 16.7920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 120, 144) }
```

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

```
.background{ background-color: rgb(164,  
120, 144) }
```

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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