

# Converting Colors

YIQ(135.5120, 22.6460, 19.1100)

Have a look what the booklet for  
YIQ(135.5120, 22.6460, 19.1100)  
contains.

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# Color

**YIQ(135.5120, 22.6460,  
19.1100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A9758F
RGB	169, 117, 143
RGB Percent	66%, 46%, 56%
CMY	0.3371, 0.5412, 0.4391
CMYK	0.00, 0.31, 0.15, 0.34
HSL	330°, 23%, 56%
HSV	330°, 31%, 66%
XYZ	27.6879, 23.1402, 29.0009
YIQ	135.5120, 22.6460, 19.1100

# Conversions

## Conversions Part 2

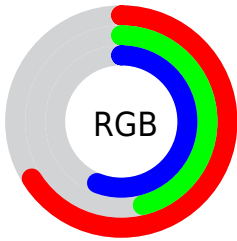
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	169, 117, 143
Decimal	11105679
CIE <sub>Lab</sub>	55.22, 24.48, -5.89
CIE <sub>LCh</sub>	55, 25.184, 346.465
Yxy	23.1402, 0.3468, 0.2899
Android (android.graphics.Color)	4289295759 (0xFFA9758F)
YUV	135.5120, 3.6916, 29.3690
Hunter-Lab	48.1042, 18.5587, -2.0715

# Details

The YIQ color **135.5120, 22.6460, 19.1100** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **150.4880, -22.6460, -19.1100**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.5230, 24.1130, 20.0570**, and **85.2020, 20.5830, 17.9510** is the 20% darker color. If you saturate the color by 10%, you get **124.6210, 29.8890, 25.5130**, and if you desaturate by 10%, it is **146.4030, 15.4030, 12.7070**.

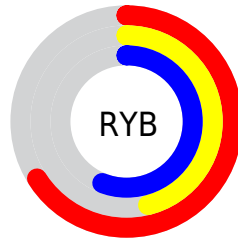
# Distribution



Red (66%)

Green (46%)

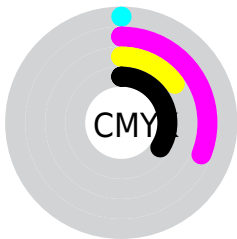
Blue (56%)



Red (66%)

Yellow (46%)

Blue (56%)

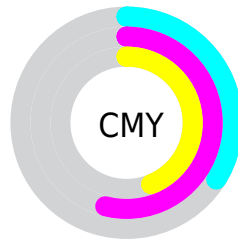


Cyan (0%)

Magenta (31%)

Yellow (15%)

Black (34%)



Cyan (34%)

Magenta (54%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 135.5120, 22.6460, 19.1100 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 135.5120, 22.6460, 19.1100 by changing the saturation by 10% instead.



■ 135.5120, 22.6460,  
19.1100

■ 135.5120, 22.6460,  
19.1100

255.0000, -0.0000,  
-0.0000

■ 109.8000, 21.7750,  
18.3750

■ 189.5230, 24.1130,  
20.0570

■ 85.2020, 20.5830,  
17.9510

■ 217.2350, 24.9840,  
20.7920

■ 61.4900, 19.7120,  
17.2160

■ 237.1620, 8.8920,  
15.0680

■ 38.0060, 18.1990,  
17.1030

254.4130, 0.2750,  
0.5230

■ 15.8210, 17.2820,  
17.2020

■ 2.9900, 5.9600,  
2.1200

■ 0.0000, 0.0000,

0.0000

■ 135.5120, 22.6460,  
19.1100

■ 135.5120, 22.6460,  
19.1100

■ 124.6210, 29.8890,  
25.5130

■ 146.4030, 15.4030,  
12.7070

■ 113.6160, 37.4530,  
31.6050

■ 157.4080, 7.8390,  
6.6150

■ 102.7250, 44.6960,  
38.0080

■ 168.2990, 0.5960,  
0.2120

■ 91.7200, 52.2600,  
44.1000

■ 179.3040, -6.9680,  
-5.8800

■ 80.8290, 59.5030,  
50.5030

■ 190.1950,  
-14.2110, -12.2830

■ 70.4110, 66.7920,  
56.0720

■ 200.6130,  
-21.5000, -17.8520

■ 60.2210, 73.4390,  
62.2630

■ 211.5040,  
-28.7430, -24.2550

■ 222.5090,  
-36.3070, -30.3470

■ 225.1820,  
-39.7000, -29.4280

# Harmonies

## Analogous

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



134.9320, 3.8480, 18.3760



135.5120, 22.6460, 19.1100



134.5100, 34.1550, 14.2750

# Triad

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



135.5120, 22.6460, 19.1100



129.8700, 14.4450, -13.9950



121.3710, -52.6330, -9.7930

# Complementary

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



135.5120, 22.6460, 19.1100



150.4880, -22.6460, -19.1100

# 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.



120.3790, -47.0840, -16.7480



135.5120, 22.6460, 19.1100



126.9970, -5.0860, -17.9660

# Square

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



135.5120, 22.6460, 19.1100



131.4530, 29.1610, -5.3590



123.7370, -27.7810, -19.6610



126.8660, -40.4850, 1.3310



# Rectangle

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



135.5120, 22.6460, 19.1100



134.0770, 36.6320, 7.9280



123.7370, -27.7810, -19.6610



120.3770, -52.7700, -12.8180

# Sweetspot

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



135.5120, 22.6460, 19.1100



206.7070, 8.4350, 6.8270



130.4030, -1.7920, 21.4720



102.2720, 5.2260, 4.4100



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



135.5120, 22.6460, 19.1100



166.8930, 35.1150, 29.9230



132.6620, 30.6710, 11.3350



78.8480, 3.4840, 2.9400



52.6880, 64.4540, 54.3900



7.1200, 8.7100, 7.3500



# Inverse Universe

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



135.5120, 22.6460, 19.1100



166.8930, 35.1150, 29.9230



153.3380, -30.6710, -11.3350



78.8480, 3.4840, 2.9400



52.6880, 64.4540, 54.3900

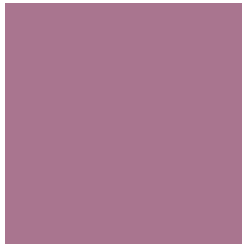


7.1200, 8.7100, 7.3500



# Previews

## White Background



This preview shows how the YIQ color 135.5120, 22.6460, 19.1100 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

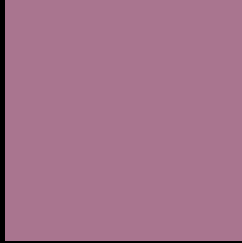
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 135.5120, 22.6460, 19.1100 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 135.5120, 22.6460, 19.1100

## Background



This preview shows how black text looks on a background with the YIQ color 135.5120, 22.6460, 19.1100.



This preview shows how white text looks on a background with the YIQ color 135.5120, 22.6460,



# 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

135.5120, 22.6460, 19.1100

### Protanopia

133.3830, -8.2080, 5.5840

### Deuteranopia

134.2550, 3.8960, 6.4880



## Tritanopia

135.0790, 25.1230, 12.7630

# Trichromacy



## Original Color

135.5120, 22.6460, 19.1100

## Protanomaly

134.5910, 3.0700, 10.4460

## Deuteranomaly

135.0110, 10.6350, 11.0110

## Tritanomaly

135.3610, 24.3890, 15.0530

# Monochromacy



## Original Color

135.5120, 22.6460, 19.1100

## Achromatopsia

136.0000, -0.0000, 0.0000

## Achromatomaly

135.8210, 8.1140, 7.1380

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 135.5120, 22.6460, 19.1100 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(169, 117, 143)` looks like.

```
.text, #text, p{  
    color:rgb(169, 117, 143)  
}
```

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(169, 117, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 117, 143) }
```

## Border

The CSS property to change the border of an element to YIQ 135.5120, 22.6460, 19.1100 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(169, 117, 143) }
```



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

```
.border{ border-color:rgb(169, 117, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 117, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 117, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 117, 143);  
box-shadow:4px 4px 4px 4px rgb(169, 117,  
143) }
```

# Background

The CSS property to change the background color of an element to YIQ 135.5120, 22.6460, 19.1100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 117, 143) }
```

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

```
.background{ background-color: rgb(169,  
117, 143) }
```

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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