

Converting Colors

YIQ(108.5050, 15.3560, 19.0680)

Have a look what the booklet for
YIQ(108.5050, 15.3560, 19.0680)
contains.

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Color

**YIQ(108.5050, 15.3560,
19.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	875C7C
RGB	135, 92, 124
RGB Percent	53%, 36%, 49%
CMY	0.4705, 0.6393, 0.5137
CMYK	0.00, 0.32, 0.08, 0.47
HSL	315°, 19%, 45%
HSV	315°, 32%, 53%
XYZ	17.4610, 14.2601, 20.9040
YIQ	108.5050, 15.3560, 19.0680

Conversions

Conversions Part 2

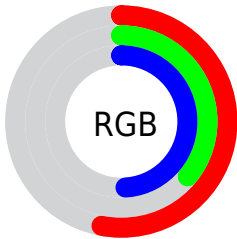
Format	Color
R_{YB}	135, 92, 124
Decimal	8871036
CIE _{Lab}	44.60, 23.01, -10.89
CIE _{LCh}	45, 25.459, 334.681
Yxy	14.2601, 0.3318, 0.2710
Android (android.graphics.Color)	4287061116 (0xFF875C7C)
YUV	108.5050, 7.6390, 23.2361
Hunter-Lab	37.7626, 16.4517, -6.3870

Details

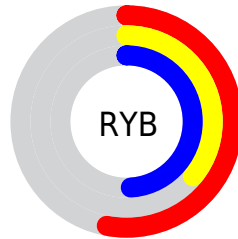
The YIQ color **108.5050, 15.3560, 19.0680** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **118.4950, -15.3560, -19.0680**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.6300, 16.5020, 20.3260**, and **60.0810, 13.6140, 17.5980** is the 20% darker color. If you saturate the color by 10%, you get **99.9450, 20.1690, 25.4570**, and if you desaturate by 10%, it is **116.4780, 10.8180, 13.2020**.

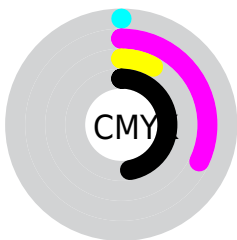
Distribution



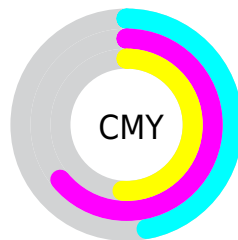
- Red (53%)
- Green (36%)
- Blue (49%)



- Red (53%)
- Yellow (36%)
- Blue (49%)



- Cyan (0%)
- Magenta (32%)
- Yellow (8%)
- Black (47%)



- Cyan (47%)
- Magenta (64%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.5050, 15.3560, 19.0680 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 108.5050, 15.3560, 19.0680 by changing the saturation by 10% instead.

108.5050, 15.3560,
19.0680

108.5050, 15.3560,
19.0680

255.0000, -0.0000,
-0.0000

83.7930, 14.4850,
18.3330

160.6300, 16.5020,
20.3260

60.0810, 13.6140,
17.5980

187.3420, 17.3730,
21.0610

37.3690, 12.7430,
16.8630

215.6410, 17.9690,
21.2730

15.1950, 13.2930,
17.9090

237.3900, 8.2500,
15.6900

0.4560, -1.2840,
1.2440

254.4130, 0.2750,
0.5230

0.0000, 0.0000,
0.0000

108.5050, 15.3560,
19.0680

108.5050, 15.3560,
19.0680

99.9450, 20.1690,
25.4570

116.4780, 10.8180,
13.2020

91.8580, 25.0280,
31.0120

125.1520, 5.6840,
7.1240

83.2980, 29.8410,
37.4010

133.1250, 1.1460,
1.2580

75.2110, 34.7000,
42.9560

141.7990, -3.9880,
-4.8200

66.6510, 39.5130,
49.3450

150.3590, -8.8010,
-11.2090

58.5640, 44.3720,
54.9000


158.4460,
-13.6600, -16.7640

51.7650, 48.3600,
59.7200

167.0060,
-18.4730, -23.1530

175.0930,

-23.3320, -28.7080

 183.6530,
-28.1450, -35.0970

Harmonies

Analogous

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



107.5610, -5.4130, 15.5070



108.5050, 15.3560, 19.0680



107.6390, 29.4780, 16.4380

Triad

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



108.5050, 15.3560, 19.0680



103.5010, 20.0380, -10.7300



89.6750, -59.6010, -15.6730

Complementary

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



108.5050, 15.3560, 19.0680



118.4950, -15.3560, -19.0680

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.



93.2500, -42.4070, -18.9110



108.5050, 15.3560, 19.0680



101.2430, 3.0290, -16.3550

Square

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



108.5050, 15.3560, 19.0680



105.6430, 31.6820, -1.4860



97.7550, -19.0240, -18.6720



96.0880, -50.1580, -5.0860

Rectangle

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



108.5050, 15.3560, 19.0680



106.9290, 34.2930, 11.7730



97.7550, -19.0240, -18.6720



90.0620, -56.4370, -17.9490

Sweetspot

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



108.5050, 15.3560, 19.0680



164.8640, 6.5550, 7.8590



100.1910, -7.2470, 15.7050



82.9020, 3.3920, 4.6080



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



108.5050, 15.3560, 19.0680



134.7330, 23.8820, 29.7540



106.1110, 22.0970, 12.5370



62.3640, 1.9710, 2.8270



49.9280, 46.3430, 57.7270



1.1250, 1.1460, 1.2580

Inverse Universe

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



108.5050, 15.3560, 19.0680



134.7330, 23.8820, 29.7540



120.8890, -22.0970, -12.5370



62.3640, 1.9710, 2.8270



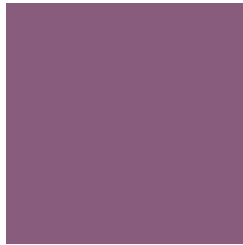
49.9280, 46.3430, 57.7270



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 108.5050, 15.3560, 19.0680 looks on a white 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

Black Background



This preview shows how the YIQ color 108.5050, 15.3560, 19.0680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

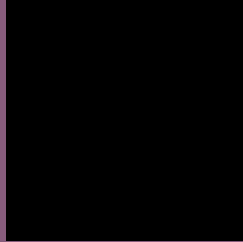
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 108.5050, 15.3560, 19.0680

Background



This preview shows how black text looks on a background with the YIQ color 108.5050, 15.3560, 19.0680.



This preview shows how white text looks on a background with the YIQ color 108.5050, 15.3560,

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

108.5050, 15.3560, 19.0680

Protanopia

106.3980, -12.5640, 7.4360

Deuteranopia

106.6610, -3.1190, 6.9690



Tritanopia

107.5620, 19.2090, 9.8090

Trichromacy



Original Color

108.5050, 15.3560, 19.0680

Protanomaly

107.0080, -2.4780, 11.8740

Deuteranomaly

107.4170, 3.6200, 11.4920

Tritanomaly

108.1860, 17.5120, 13.0320

Monochromacy



Original Color

108.5050, 15.3560, 19.0680

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.7390, 5.4090, 6.6010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.5050, 15.3560, 19.0680 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(135, 92, 124)` looks like.

```
.text, #text, p{  
    color:rgb(135, 92, 124)  
}
```

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(135, 92, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 92, 124) }
```

Border

The CSS property to change the border of an element to YIQ 108.5050, 15.3560, 19.0680 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(135, 92, 124) }
```


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

```
.border{ border-color:rgb(135, 92, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 92, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 92, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 92, 124);  
box-shadow:4px 4px 4px 4px rgb(135, 92,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 108.5050, 15.3560, 19.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 92, 124) }
```

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

```
.background{ background-color: rgb(135, 92,  
124) }
```

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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