

Converting Colors

YIQ(120.6680, 13.3390, 17.0750)

Have a look what the booklet for
YIQ(120.6680, 13.3390, 17.0750)
contains.

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Color

**YIQ(120.6680, 13.3390,
17.0750)**

Conversions

Conversions Part 1

Format	Color
Hex	906A87
RGB	144, 106, 135
RGB Percent	56%, 42%, 53%
CMY	0.4352, 0.5844, 0.4706
CMYK	0.00, 0.26, 0.06, 0.44
HSL	314°, 15%, 49%
HSV	314°, 26%, 56%
XYZ	21.0325, 17.9861, 25.2877
YIQ	120.6680, 13.3390, 17.0750

Conversions

Conversions Part 2

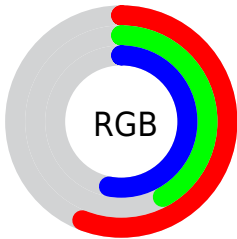
Format	Color
RYB	144, 106, 135
Decimal	9464455
CIELab	49.48, 20.19, -10.04
CIELCh	49, 22.549, 333.557
Yxy	17.9861, 0.3271, 0.2797
Android (android.graphics.Color)	4287654535 (0xFF906A87)
YUV	120.6680, 7.0657, 20.4622
Hunter-Lab	42.4100, 14.3067, -5.6657

Details

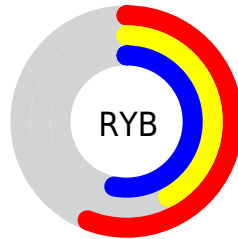
The YIQ color **120.6680, 13.3390, 17.0750** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **129.3320, -13.3390, -17.0750**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.3800, 14.2100, 17.8100**, and **71.5430, 12.1930, 15.8170** is the 20% darker color. If you saturate the color by 10%, you get **112.1080, 18.1520, 23.4640**, and if you desaturate by 10%, it is **129.2280, 8.5260, 10.6860**.

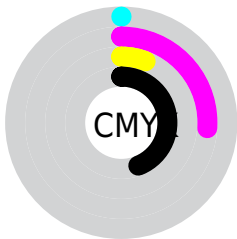
Distribution



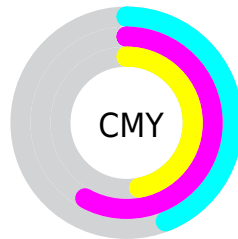
- Red (56%)
- Green (42%)
- Blue (53%)



- Red (56%)
- Yellow (42%)
- Blue (53%)



- Cyan (0%)
- Magenta (26%)
- Yellow (6%)
- Black (44%)



- Cyan (44%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.6680, 13.3390, 17.0750 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 120.6680, 13.3390, 17.0750 by changing the saturation by 10% instead.

120.6680, 13.3390,
17.0750

120.6680, 13.3390,
17.0750

255.0000, -0.0000,
-0.0000

95.9560, 12.4680,
16.3400

173.3800, 14.2100,
17.8100

71.5430, 12.1930,
15.8170

200.7930, 14.4850,
18.3330

48.8310, 11.3220,
15.0820

228.5050, 15.3560,
19.0680

26.5320, 10.7260,
14.8700

246.7820, 3.8500,
7.3220

10.3530, 9.6720,
11.9440

0.0000, 0.0000,
0.0000

120.6680, 13.3390,
17.0750

120.6680, 13.3390,
17.0750

112.1080, 18.1520,
23.4640

129.2280, 8.5260,
10.6860

102.8470, 23.5610,
30.0650

138.4890, 3.1170,
4.0850

94.2870, 28.3740,
36.4540

147.0490, -1.6960,
-2.3040

85.0260, 33.7830,
43.0550

156.3100, -7.1050,
-8.9050

76.4660, 38.5960,
49.4440

164.8700,
-11.9180, -15.2940

67.9060, 43.4090,
55.8330

173.4300,
-16.7310, -21.6830

58.6450, 48.8180,
62.4340


182.6910,
-22.1400, -28.2840

55.5960, 50.5140,

191.2510,

64.7380

-26.9530, -34.6730

 200.5120,
-32.3620, -41.2740

Harmonies

Analogous

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



119.5070, -5.3210, 13.8390



120.6680, 13.3390, 17.0750



120.0300, 26.8190, 15.0670

Triad

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



120.6680, 13.3390, 17.0750



116.2560, 19.3500, -9.2740



107.3240, -45.2510, -11.4190

Complementary

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



120.6680, 13.3390, 17.0750



129.3320, -13.3390, -17.0750

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.



108.4360, -34.0630, -15.9430



120.6680, 13.3390, 17.0750



114.1830, 3.2580, -14.9980

Square

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



120.6680, 13.3390, 17.0750



118.0880, 28.9310, -1.1890



111.6630, -15.7690, -17.0890



110.9320, -40.8510, -3.0510

Rectangle

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



120.6680, 13.3390, 17.0750



119.4340, 31.3130, 10.7130



111.6630, -15.7690, -17.0890



107.2270, -43.6000, -13.8080

Sweetspot

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



120.6680, 13.3390, 17.0750



176.8530, 5.0880, 6.9120



113.0230, -6.8340, 13.7260



88.4890, 3.1170, 4.0850



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



120.6680, 13.3390, 17.0750



149.7710, 20.7190, 26.5030



118.5020, 19.4380, 11.1660



66.7770, 2.2460, 3.3500



52.1070, 47.3970, 60.6530



3.0760, 2.8420, 3.5620

Inverse Universe

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



120.6680, 13.3390, 17.0750



149.7710, 20.7190, 26.5030



131.4980, -19.4380, -11.1660



66.7770, 2.2460, 3.3500



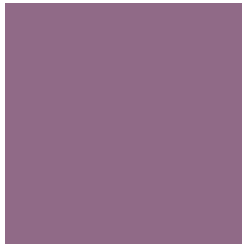
52.1070, 47.3970, 60.6530



3.0760, 2.8420, 3.5620

Previews

White Background



This preview shows how the YIQ color 120.6680, 13.3390, 17.0750 looks on a white background.

Color Contrast Check

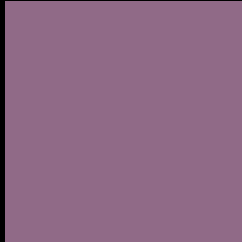
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.6680, 13.3390, 17.0750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

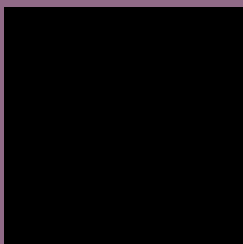
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.6680, 13.3390, 17.0750

Background



This preview shows how black text looks on a background with the YIQ color 120.6680, 13.3390, 17.0750.



This preview shows how white text looks on a background with the YIQ color 120.6680, 13.3390,

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

120.6680, 13.3390, 17.0750

Protanopia

118.3550, -11.0050, 6.7150

Deuteranopia

119.1450, -1.6060, 7.0820



Tritanopia

119.8930, 16.7790, 9.7950

Trichromacy



Original Color

120.6680, 13.3390, 17.0750

Protanomaly

119.2530, -1.7900, 10.4180

Deuteranomaly

119.8900, 3.6660, 10.6580

Tritanomaly

120.2890, 15.7240, 12.3960

Monochromacy



Original Color

120.6680, 13.3390, 17.0750

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.0270, 4.5380, 5.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.6680, 13.3390, 17.0750 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(144, 106, 135)` looks like.

```
.text, #text, p{  
    color:rgb(144, 106, 135)  
}
```

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(144, 106, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 106, 135) }
```

Border

The CSS property to change the border of an element to YIQ 120.6680, 13.3390, 17.0750 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(144, 106, 135) }
```


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

```
.border{ border-color:rgb(144, 106, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 106, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 106, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 106, 135);  
box-shadow:4px 4px 4px 4px rgb(144, 106,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 120.6680, 13.3390, 17.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 106, 135) }
```

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

```
.background{ background-color: rgb(144,  
106, 135) }
```

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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