

Converting Colors

YIQ(118.0760, 21.1780, 23.6900)

Have a look what the booklet for
YIQ(118.0760, 21.1780, 23.6900)
contains.

YIQ(118.0760, 21.1780, 23.6900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(118.0760, 21.1780,
23.6900)**

Conversions

Conversions Part 1

Format	Color
Hex	996187
RGB	153, 97, 135
RGB Percent	60%, 38%, 53%
CMY	0.3998, 0.6197, 0.4705
CMYK	0.00, 0.37, 0.12, 0.40
HSL	319°, 22%, 49%
HSV	319°, 37%, 60%
XYZ	21.7911, 17.0709, 25.0733
YIQ	118.0760, 21.1780, 23.6900

Conversions

Conversions Part 2

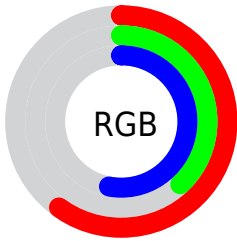
Format	Color
R_{YB}	153, 97, 135
Decimal	10051975
CIE _{Lab}	48.35, 28.65, -11.64
CIE _{LCh}	48, 30.927, 337.890
Yxy	17.0709, 0.3408, 0.2670
Android (android.graphics.Color)	4288242055 (0xFF996187)
YUV	118.0760, 8.3435, 30.6283
Hunter-Lab	41.3170, 21.8385, -7.0584

Details

The YIQ color **118.0760, 21.1780, 23.6900** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **131.9240, -21.1780, -23.6900**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **171.0870, 22.6450, 24.6370**, and **68.6520, 19.4360, 22.2200** is the 20% darker color. If you saturate the color by 10%, you get **108.7010, 26.9080, 29.9800**, and if you desaturate by 10%, it is **127.4510, 15.4480, 17.4000**.

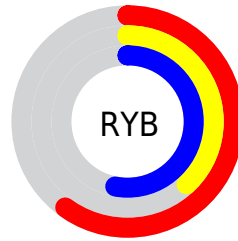
Distribution



Red (60%)

Green (38%)

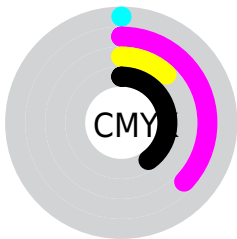
Blue (53%)



Red (60%)

Yellow (38%)

Blue (53%)

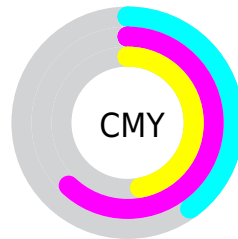


Cyan (0%)

Magenta (37%)

Yellow (12%)

Black (40%)



Cyan (40%)

Magenta (62%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.0760, 21.1780, 23.6900 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 118.0760, 21.1780, 23.6900 by changing the saturation by 10% instead.

■ 118.0760, 21.1780,
23.6900

■ 118.0760, 21.1780,
23.6900

■ 255.0000, -0.0000,
-0.0000

■ 92.4780, 19.9860,
23.2660

■ 171.0870, 22.6450,
24.6370

■ 68.6520, 19.4360,
22.2200

■ 198.7990, 23.5160,
25.3720

■ 45.0540, 18.2440,
21.7960

■ 223.3360, 17.5100,
24.0860

■ 21.2820, 17.6020,
22.4180

■ 241.4990, 6.3250,
12.0290

■ 11.5490, 12.0560,
12.7920

■ 0.0000, 0.0000,
0.0000

■ 118.0760, 21.1780,
23.6900

■ 118.0760, 21.1780,
23.6900

■ 108.7010, 26.9080,
29.9800

■ 127.4510, 15.4480,
17.4000

■ 98.7390, 32.9130,
36.7930

■ 137.4130, 9.4430,
10.5870

■ 89.3640, 38.6430,
43.0830

■ 146.7880, 3.7130,
4.2970

■ 79.9890, 44.3730,
49.3730

■ 156.1630, -2.0170,
-1.9930

■ 70.0270, 50.3780,
56.1860

■ 166.1250, -8.0220,
-8.8060

■ 60.6520, 56.1080,
62.4760


■ 175.5000,
-13.7520, -15.0960

■ 57.6030, 57.8040,
64.7800

■ 184.7610,
-19.1610, -21.6970

■ 194.1360,

-24.8910, -27.9870

 204.0980,
-30.8960, -34.8000

Harmonies

Analogous

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



117.3920, -3.2590, 20.5250



118.0760, 21.1780, 23.6900



116.9390, 37.5010, 19.7170

Triad

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



118.0760, 21.1780, 23.6900



112.5350, 22.6980, -14.8860



91.1930, -81.7910, -21.0150

Complementary

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



118.0760, 21.1780, 23.6900



131.9240, -21.1780, -23.6900

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.



93.4040, -66.5680, -27.0800



118.0760, 21.1780, 23.6900



109.5260, 0.5540, -21.0620

Square

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



118.0760, 21.1780, 23.6900



114.1120, 37.5510, -3.2250



104.1020, -27.5510, -23.8310



100.6500, -66.4800, -6.6400

Rectangle

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



118.0760, 21.1780, 23.6900



115.8760, 41.8120, 13.1720



104.1020, -27.5510, -23.8310



90.8680, -79.4980, -24.0260

Sweetspot

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



118.0760, 21.1780, 23.6900



185.2880, 8.2970, 9.3290



108.7660, -7.2480, 21.2320



91.5000, 4.5840, 5.0320



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



118.0760, 21.1780, 23.6900



144.1520, 33.1880, 37.3160



114.8840, 30.1660, 14.9820



71.9620, 3.1630, 3.2510



52.6900, 52.9450, 59.2250



4.9130, 4.8590, 5.5550

Inverse Universe

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



118.0760, 21.1780, 23.6900



144.1520, 33.1880, 37.3160



135.1160, -30.1660, -14.9820



71.9620, 3.1630, 3.2510



52.6900, 52.9450, 59.2250



4.9130, 4.8590, 5.5550

Previews

White Background



This preview shows how the YIQ color 118.0760, 21.1780, 23.6900 looks on a white background.

Color Contrast Check

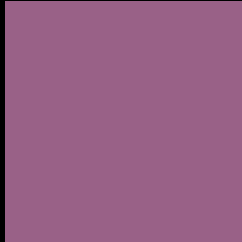
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.0760, 21.1780, 23.6900 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 118.0760, 21.1780, 23.6900

Background



This preview shows how black text looks on a background with the YIQ color 118.0760, 21.1780, 23.6900.



This preview shows how white text looks on a background with the YIQ color 118.0760, 21.1780,

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

118.0760, 21.1780, 23.6900

Protanopia

115.6690, -14.7650, 8.7790

Deuteranopia

116.0740, -2.8440, 7.4920



Tritanopia

117.2640, 26.0400, 12.6640

Trichromacy



Original Color

118.0760, 21.1780, 23.6900

Protanomaly

116.7740, -1.6990, 14.2770

Deuteranomaly

117.1400, 5.9580, 13.1740

Tritanomaly

117.4150, 24.2970, 16.7210

Monochromacy



Original Color

118.0760, 21.1780, 23.6900

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.8750, 8.0220, 8.8060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.0760, 21.1780, 23.6900 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(153, 97, 135)` looks like.

```
.text, #text, p{  
    color:rgb(153, 97, 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(153, 97, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 97, 135) }
```

Border

The CSS property to change the border of an element to YIQ 118.0760, 21.1780, 23.6900 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(153, 97, 135) }
```


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

```
.border{ border-color:rgb(153, 97, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 97, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 97, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 97, 135);  
box-shadow:4px 4px 4px 4px rgb(153, 97,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 118.0760, 21.1780, 23.6900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 97, 135) }
```

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

```
.background{ background-color: rgb(153, 97,  
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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