

Converting Colors

YIQ(118.0160, 21.4070, 25.0470)

Have a look what the booklet for
YIQ(118.0160, 21.4070, 25.0470)
contains.

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Color

**YIQ(118.0160, 21.4070,
25.0470)**

Conversions

Conversions Part 1

Format	Color
Hex	9A6089
RGB	154, 96, 137
RGB Percent	60%, 38%, 54%
CMY	0.3959, 0.6236, 0.4627
CMYK	0.00, 0.38, 0.11, 0.40
HSL	318°, 23%, 49%
HSV	318°, 38%, 60%
XYZ	22.0314, 17.0420, 25.8003
YIQ	118.0160, 21.4070, 25.0470

Conversions

Conversions Part 2

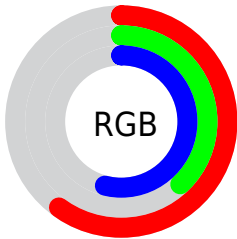
Format	Color
R_{YB}	154, 96, 137
Decimal	10117257
CIE _{Lab}	48.31, 29.93, -12.88
CIE _{LCh}	48, 32.583, 336.721
Yxy	17.0420, 0.3396, 0.2627
Android (android.graphics.Color)	4288307337 (0xFF9A6089)
YUV	118.0160, 9.3591, 31.5580
Hunter-Lab	41.2819, 23.0186, -8.1576

Details

The YIQ color **118.0160, 21.4070, 25.0470** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **131.9840, -21.4070, -25.0470**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **171.0270, 22.8740, 25.9940**, and **68.5920, 19.6650, 23.5770** is the 20% darker color. If you saturate the color by 10%, you get **108.6410, 27.1370, 31.3370**, and if you desaturate by 10%, it is **127.3910, 15.6770, 18.7570**.

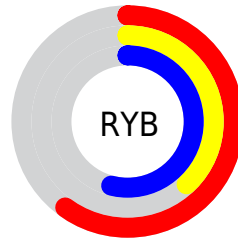
Distribution



Red (60%)

Green (38%)

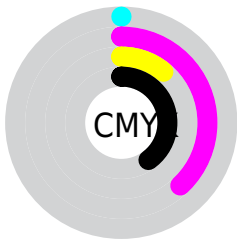
Blue (54%)



Red (60%)

Yellow (38%)

Blue (54%)

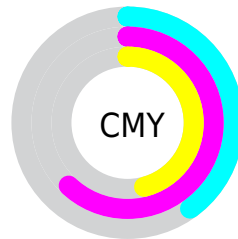


Cyan (0%)

Magenta (38%)

Yellow (11%)

Black (40%)



Cyan (40%)


Magenta (62%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.0160, 21.4070, 25.0470 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 118.0160, 21.4070, 25.0470 by changing the saturation by 10% instead.


 118.0160, 21.4070,
25.0470


 118.0160, 21.4070,
25.0470


255.0000, -0.0000,
-0.0000


 92.4180, 20.2150,
24.6230


 171.0270, 22.8740,
25.9940


 68.5920, 19.6650,
23.5770


 198.7390, 23.7450,
26.7290

 44.4070, 18.7480,
23.6760

 222.9770, 17.1430,
25.2310

 20.9230, 17.2350,
23.5630

 240.9120, 6.6000,
12.5520

 11.9620, 12.3310,
13.3150

 0.0000, 0.0000,
0.0000

118.0160, 21.4070,
25.0470

118.0160, 21.4070,
25.0470

108.6410, 27.1370,
31.3370

127.3910, 15.6770,
18.7570

98.7930, 32.8210,
38.4610

137.2390, 9.9930,
11.6330

89.4180, 38.5510,
44.7510

146.6140, 4.2630,
5.3430

79.5700, 44.2350,
51.8750

156.4620, -1.4210,
-1.7810

70.1950, 49.9650,
58.1650

165.8370, -7.1510,
-8.0710

60.9340, 55.3740,
64.7660


175.0980,
-12.5600, -14.6720

58.4720, 56.7950,
66.5470

185.0600,
-18.5650, -21.4850

194.3210,

-23.9740, -28.0860

 204.2830,
-29.9790, -34.8990

Harmonies

Analogous

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



117.4350, -4.8180, 21.2460



118.0160, 21.4070, 25.0470



116.3630, 39.2430, 21.1870

Triad

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



118.0160, 21.4070, 25.0470



111.9050, 24.5320, -15.0840



91.8940, -82.3870, -21.2270

Complementary

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



118.0160, 21.4070, 25.0470



131.9840, -21.4070, -25.0470

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.



89.4030, -73.9950, -30.1470



118.0160, 21.4070, 25.0470



109.0700, 1.8380, -22.3060

Square

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



118.0160, 21.4070, 25.0470



114.3680, 39.7060, -3.7340



103.2760, -28.1010, -24.8770



94.5990, -79.6380, -10.4700

Rectangle

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



118.0160, 21.4070, 25.0470



115.4850, 44.4710, 14.5430



103.2760, -28.1010, -24.8770



91.5690, -80.0940, -24.2380

Sweetspot

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



118.0160, 21.4070, 25.0470



187.4020, 7.9760, 9.6400



107.3960, -9.0820, 21.4300



93.9130, 4.8590, 5.5550



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



118.0160, 21.4070, 25.0470



145.2060, 33.0960, 38.9840



114.8240, 30.3950, 16.3390



71.9620, 3.1630, 3.2510



53.1460, 51.6610, 60.4690



4.9130, 4.8590, 5.5550

Inverse Universe

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



118.0160, 21.4070, 25.0470



145.2060, 33.0960, 38.9840



135.1760, -30.3950, -16.3390



71.9620, 3.1630, 3.2510



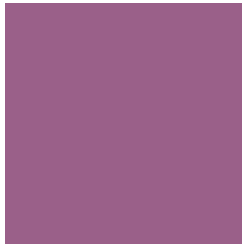
53.1460, 51.6610, 60.4690



4.9130, 4.8590, 5.5550

Previews

White Background



This preview shows how the YIQ color 118.0160, 21.4070, 25.0470 looks on a white background.

Color Contrast Check

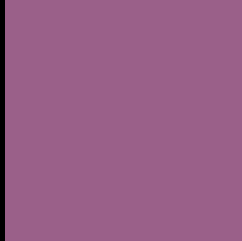
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.0160, 21.4070, 25.0470 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 118.0160, 21.4070, 25.0470

Background



This preview shows how black text looks on a background with the YIQ color 118.0160, 21.4070, 25.0470.



This preview shows how white text looks on a background with the YIQ color 118.0160, 21.4070,

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

118.0160, 21.4070, 25.0470

Protanopia

115.5980, -16.0030, 9.1890

Deuteranopia

116.0030, -4.0820, 7.9020



Tritanopia

116.8620, 27.2320, 13.0880

Trichromacy



Original Color

118.0160, 21.4070, 25.0470

Protanomaly

116.1160, -2.6620, 15.2100

Deuteranomaly

116.4820, 4.9950, 14.1070

Tritanomaly

117.1270, 25.1680, 17.4560

Monochromacy



Original Color

118.0160, 21.4070, 25.0470

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.9890, 7.7010, 9.1170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.0160, 21.4070, 25.0470 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(154, 96, 137)` looks like.

```
.text, #text, p{  
    color:rgb(154, 96, 137)  
}
```

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(154, 96, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 96, 137) }
```

Border

The CSS property to change the border of an element to YIQ 118.0160, 21.4070, 25.0470 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(154, 96, 137) }
```


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

```
.border{ border-color:rgb(154, 96, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 96, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 96, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 96, 137);  
box-shadow:4px 4px 4px 4px rgb(154, 96,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 118.0160, 21.4070, 25.0470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 96, 137) }
```

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

```
.background{ background-color: rgb(154, 96,  
137) }
```

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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