

Converting Colors

YIQ(160.9470, -0.5080, 20.2280)

Have a look what the booklet for
YIQ(160.9470, -0.5080, 20.2280)
contains.

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Color

**YIQ(160.9470, -0.5080,
20.2280)**

Conversions

Conversions Part 1

Format	Color
Hex	AD94C4
RGB	173, 148, 196
RGB Percent	68%, 58%, 77%
CMY	0.3215, 0.4196, 0.2314
CMYK	0.12, 0.24, 0.00, 0.23
HSL	271°, 29%, 67%
HSV	271°, 24%, 77%
XYZ	37.7896, 34.0485, 56.7989
YIQ	160.9470, -0.5080, 20.2280

Conversions

Conversions Part 2

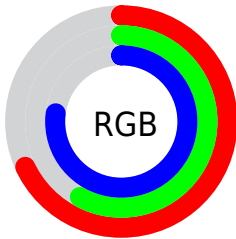
Format	Color
R _Y B	173, 148, 196
Decimal	11375812
CIE Lab	65.00, 18.52, -21.34
CIE LCh	65, 28.257, 310.949
Yxy	34.0485, 0.2938, 0.2647
Android (android.graphics.Color)	4289565892 (0xFFAD94C4)
YUV	160.9470, 17.2811, 10.5705
Hunter-Lab	58.3511, 13.4866, -16.8671

Details

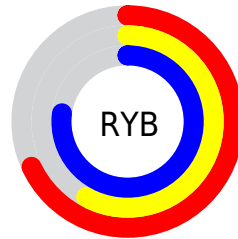
The YIQ color $160.9470, -0.5080, 20.2280$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $183.0530, 0.5080, -20.2280$, and the grayscale version is $161.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $215.8870, -0.2790, 21.5850$, and $109.0070, -0.7370, 18.8710$ is the 20% darker color. If you saturate the color by 10%, you get $146.5160, -0.3720, 28.7800$, and if you desaturate by 10%, it is $175.3780, -0.6440, 11.6760$.

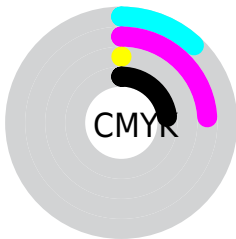
Distribution



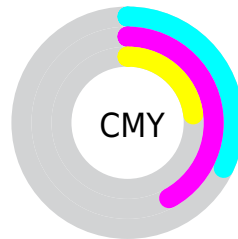
- Red (68%)
- Green (58%)
- Blue (77%)



- Red (68%)
- Yellow (58%)
- Blue (77%)



- Cyan (12%)
- Magenta (24%)
- Yellow (0%)
- Black (23%)



- Cyan (32%)
- Magenta (42%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 160.9470, -0.5080, 20.2280 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 160.9470, -0.5080, 20.2280 by changing the saturation by 10% instead.

■ 160.9470, -0.5080,
20.2280

■ 160.9470, -0.5080,
20.2280

■ 255.0000, -0.0000,
-0.0000

■ 134.5340, -0.7830,
19.7050

■ 215.8870, -0.2790,
21.5850

■ 109.0070, -0.7370,
18.8710

■ 240.3250, 6.8750,
13.0750

■ 84.4800, -0.6910,
18.0370

■ 61.0670, -0.9660,
17.5140

■ 39.1270, -1.1950,
16.1570

■ 16.5400, -0.9200,
16.6800

■ 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 160.9470, -0.5080,
20.2280

■ 160.9470, -0.5080,
20.2280

■ 146.5160, -0.3720,
28.7800

■ 175.3780, -0.6440,
11.6760

■ 132.3730, -1.1070,
36.5970

■ 189.5210, 0.0910,
3.8590

■ 117.9420, -0.9710,
45.1490

■ 203.9520, -0.0450,
-4.6930

■ 104.0980, -1.1100,
53.1780

■ 218.0950, 0.6900,
-12.5100

■ 89.3680, -1.5700,
61.5180

■ 232.5260, 0.5540,
-21.0620

74.9370, -1.4340,
70.0700

240.5000, 3.4430,
-23.8610

60.7940, -2.1690,
77.8870

243.4900, 9.4030,
-21.7410

52.8420, -2.1240,
82.5800

246.1810, 14.7670,
-19.8330

248.2740, 18.9390,
-18.3490

Harmonies

Analogous

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



157.0190, -27.3740, 11.5220



160.9470, -0.5080, 20.2280



161.6200, 22.4620, 22.4460

Triad

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



160.9470, -0.5080, 20.2280



157.9870, 36.4050, -4.4830



145.0040, -50.5220, -20.5220

Complementary

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



160.9470, -0.5080, 20.2280



183.0530, 0.5080, -20.2280

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.



148.3410, -26.7260, -22.2620



160.9470, -0.5080, 20.2280



155.2790, 20.5430, -14.3770

Square

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



160.9470, -0.5080, 20.2280



159.6000, 42.4090, 7.8570



152.2700, -1.6010, -20.5530



144.7720, -61.2520, -13.2840

Rectangle

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



160.9470, -0.5080, 20.2280



161.1990, 33.8330, 20.1130



152.2700, -1.6010, -20.5530



146.1850, -43.7820, -21.5260

Sweetspot

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



160.9470, -0.5080, 20.2280



241.7430, -0.4140, 7.5060



166.9730, -21.7330, 2.8990



120.0480, 0.0450, 4.6930



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



160.9470, -0.5080, 20.2280



201.0970, -0.5100, 31.2820



167.7100, 13.5210, 24.7930



89.6350, -0.2300, 4.1700



43.4700, -1.6170, 67.8790



8.8450, -0.4610, 13.8670

Inverse Universe

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



164.9740, 21.2250, 17.3290



207.1160, 32.8690, 26.5730



176.2900, -13.5210, -24.7930



90.5600, 4.3550, 3.6750



56.9170, 71.2390, 58.0790



11.6910, 14.5320, 11.9720

Previews

White Background



This preview shows how the YIQ color 160.9470, -0.5080, 20.2280 looks on a white background.

Color Contrast Check

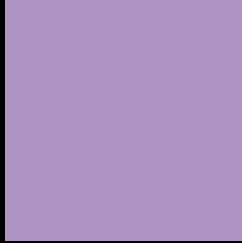
Large Text (above 18pt) WCAG AA × Fail

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 160.9470, -0.5080, 20.2280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

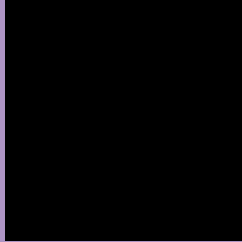
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 160.9470, -0.5080, 20.2280

Background



This preview shows how black text looks on a background with the YIQ color 160.9470, -0.5080, 20.2280.



This preview shows how white text looks on a background with the YIQ color 160.9470, -0.5080,

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

160.9470, -0.5080, 20.2280

Protanopia

158.2540, -20.7260, 12.1860

Deuteranopia

159.2610, -13.4360, 12.2280



Tritanopia

159.5540, 4.4920, 6.7000

Trichromacy



Original Color

160.9470, -0.5080, 20.2280

Protanomaly

159.2550, -13.2990, 15.2530

Deuteranomaly

159.5930, -8.4390, 15.2810

Tritanomaly

160.2320, 2.7030, 11.5910

Monochromacy



Original Color

160.9470, -0.5080, 20.2280

Achromatopsia

161.0000, -0.0000, -0.0000

Achromatomaly

160.7430, -0.4140, 7.5060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 160.9470, -0.5080, 20.2280 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(173, 148, 196)` looks like.

```
.text, #text, p{  
    color:rgb(173, 148, 196)  
}
```

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(173, 148, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 148, 196) }
```

Border

The CSS property to change the border of an element to YIQ 160.9470, -0.5080, 20.2280 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(173, 148, 196) }
```


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

```
.border{ border-color:rgb(173, 148, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 148, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 148, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 148, 196);  
box-shadow:4px 4px 4px 4px rgb(173, 148,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 160.9470, -0.5080, 20.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 148, 196) }
```

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

```
.background{ background-color: rgb(173,  
148, 196) }
```

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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