

Converting Colors

YIQ(118.3160, 4.2080, 55.9200)

Have a look what the booklet for
YIQ(118.3160, 4.2080, 55.9200)
contains.

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Color

**YIQ(118.3160, 4.2080,
55.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	9D51D1
RGB	157, 81, 209
RGB Percent	62%, 32%, 82%
CMY	0.3840, 0.6825, 0.1805
CMYK	0.25, 0.61, 0.00, 0.18
HSL	276°, 58%, 57%
HSV	276°, 61%, 82%
XYZ	28.3637, 17.6574, 62.2212
YIQ	118.3160, 4.2080, 55.9200

Conversions

Conversions Part 2

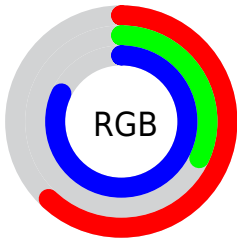
Format	Color
RYB	157, 81, 209
Decimal	10310097
CIELab	49.08, 53.62, -53.76
CIElCh	49, 75.931, 314.922
Yxy	17.6574, 0.2620, 0.1631
Android (android.graphics.Color)	4288500177 (0xFF9D51D1)
YUV	118.3160, 44.7072, 33.9259
Hunter-Lab	42.0207, 46.9503, -58.3780

Details

The YIQ color **118.3160, 4.2080, 55.9200** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **171.6840, -4.2080, -55.9200**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **172.0130, 9.4350, 54.8030**, and **63.6040, 3.3370, 55.1850** is the 20% darker color. If you saturate the color by 10%, you get **103.5970, 5.2150, 65.2070**, and if you desaturate by 10%, it is **133.3340, 3.7970, 46.8450**.

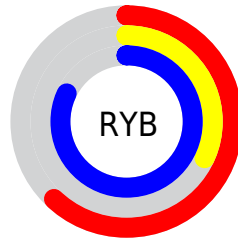
Distribution



Red (62%)

Green (32%)

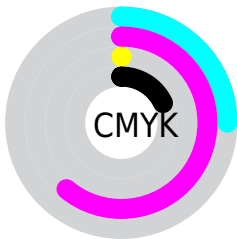
Blue (82%)



Red (62%)

Yellow (32%)

Blue (82%)

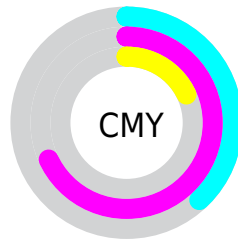


Cyan (25%)

Magenta (61%)

Yellow (0%)

Black (18%)



Cyan (38%)

Magenta (68%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.3160, 4.2080, 55.9200 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 118.3160, 4.2080, 55.9200 by changing the saturation by 10% instead.

■ 118.3160, 4.2080,
55.9200

■ 118.3160, 4.2080,
55.9200

■ 255.0000, -0.0000,
-0.0000

■ 91.4900, 3.6580,
54.8740

■ 172.0130, 9.4350,
54.8030

■ 63.6040, 3.3370,
55.1850

■ 196.5330, 19.2940,
46.8300

■ 36.6040, 3.3370,
55.1850

■ 216.2580, 18.1500,
34.5180

■ 24.9690, -5.6010,
40.9510

■ 233.2810, 10.1750,
19.3510

■ 14.4590, -13.3930,
27.9750

■ 250.3040, 2.2000,
4.1840

■ 6.0420, -17.0130,
16.4830

■ 4.7080, -10.5010,

8.5950

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 118.3160, 4.2080,
55.9200

■ 118.3160, 4.2080,
55.9200

■ 103.5970, 5.2150,
65.2070

■ 133.3340, 3.7970,
46.8450

■ 88.5790, 5.6260,
74.2820

■ 148.0530, 2.7900,
37.5580

■ 73.8600, 6.6330,
83.5690

■ 162.7720, 1.7830,
28.2710

■ 60.9020, 6.8150,
91.2870

■ 177.7900, 1.3720,
19.1960

■ 191.9220, 0.6400,
10.4320

■ 206.9400, 0.2290,
1.3570

■ 221.6590, -0.7780,
-7.9300

■ 236.6770, -1.1890,
-17.0050

■ 243.1780, 1.6540,
-18.9700

Harmonies

Analogous

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



94.6200, -109.3530, 15.9510



118.3160, 4.2080, 55.9200



102.1470, 68.2560, 73.6000

Triad

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



118.3160, 4.2080, 55.9200



110.1060, 72.0780, -17.7300



101.4000, -87.1080, -29.2840

Complementary

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



118.3160, 4.2080, 55.9200



171.6840, -4.2080, -55.9200

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.



92.5880, -65.0510, -49.0750



118.3160, 4.2080, 55.9200



106.2760, 32.6520, -41.1080

Square

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



118.3160, 4.2080, 55.9200



105.0290, 98.4810, 15.8970



82.5230, -32.0360, -69.2200



106.9520, -105.4970, -9.8890

Rectangle

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



118.3160, 4.2080, 55.9200



89.3920, 95.3070, 73.4430



82.5230, -32.0360, -69.2200



98.8920, -80.0460, -36.1260

Sweetspot

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



118.3160, 4.2080, 55.9200



222.3170, 1.3260, 20.0300



126.7030, -55.6630, 12.0890



107.3890, 0.8230, 12.6230



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.



118.3160, 4.2080, 55.9200



121.0340, 6.0830, 82.5230



132.6100, 38.7310, 63.5230



97.0480, 0.0450, 4.6930



49.0520, 5.6720, 73.4480



11.8500, 1.1430, 17.8390

Inverse Universe

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



125.2000, 59.5960, 43.3080



131.2890, 87.9270, 64.0150



157.3900, -38.7310, -63.5230



97.7450, 5.2720, 3.5760



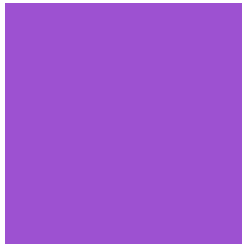
57.9840, 78.3000, 56.7640



14.1970, 18.9790, 13.9790

Previews

White Background



This preview shows how the YIQ color 118.3160, 4.2080, 55.9200 looks on a white background.

Color Contrast Check

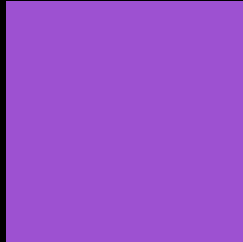
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.3160, 4.2080, 55.9200 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 118.3160, 4.2080, 55.9200

Background



This preview shows how black text looks on a background with the YIQ color 118.3160, 4.2080, 55.9200.



This preview shows how white text looks on a background with the YIQ color 118.3160, 4.2080,

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

118.3160, 4.2080, 55.9200

Protanopia

93.6910, -108.1150, 15.5410

Deuteranopia

107.5430, -66.8960, 11.9200



Tritanopia

118.7790, 17.1000, 9.4840

Trichromacy



Original Color

118.3160, 4.2080, 55.9200



Protanomaly

102.4360, -67.3120, 30.4800



Deuteranomaly

111.9150, -41.0400, 27.9200



Tritanomaly

118.5790, 12.5120, 26.5600

Monochromacy



Original Color

118.3160, 4.2080, 55.9200



Achromatopsia

118.0000, 0.0000, -0.0000



Achromatomaly

118.3170, 1.3260, 20.0300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.3160, 4.2080, 55.9200 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(157, 81, 209)` looks like.

```
.text, #text, p{  
    color:rgb(157, 81, 209)  
}
```

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(157, 81, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 81, 209) }
```

Border

The CSS property to change the border of an element to YIQ 118.3160, 4.2080, 55.9200 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(157, 81, 209) }
```


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

```
.border{ border-color:rgb(157, 81, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 81, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 81, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 81, 209);  
box-shadow:4px 4px 4px 4px rgb(157, 81,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 118.3160, 4.2080, 55.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 81, 209) }
```

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

```
.background{ background-color: rgb(157, 81,  
209) }
```

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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