

Converting Colors

YIQ(115.5980, 21.8100, 78.3380)

Have a look what the booklet for
YIQ(115.5980, 21.8100, 78.3380)
contains.

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Color

**YIQ(115.5980, 21.8100,
78.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	B93BE1
RGB	185, 59, 225
RGB Percent	73%, 23%, 88%
CMY	0.2741, 0.7688, 0.1177
CMYK	0.18, 0.74, 0.00, 0.12
HSL	286°, 73%, 56%
HSV	286°, 74%, 88%
XYZ	35.1828, 18.8853, 73.0174
YIQ	115.5980, 21.8100, 78.3380

Conversions

Conversions Part 2

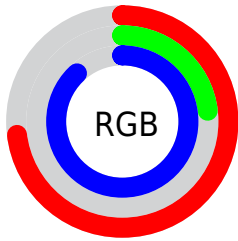
Format	Color
R _Y B	185, 59, 225
Decimal	12139489
CIE Lab	50.55, 72.14, -60.31
CIE LCh	51, 94.031, 320.102
Yxy	18.8853, 0.2768, 0.1486
Android (android.graphics.Color)	4290329569 (0xFFB93BE1)
YUV	115.5980, 53.9352, 60.8656
Hunter-Lab	43.4572, 68.4630, -69.1999

Details

The YIQ color **115.5980, 21.8100, 78.3380** is a light color, and the websafe version is hex **9933CC**. The color can be described as light washed purple. A complement of this color would be **168.4020, -21.8100, -78.3380**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.5910, 31.7150, 69.5310**, and **57.2390, 21.4430, 79.4830** is the 20% darker color. If you saturate the color by 10%, you get **100.6020, 25.1550, 89.3070**, and if you desaturate by 10%, it is **130.3060, 19.3360, 68.1040**.

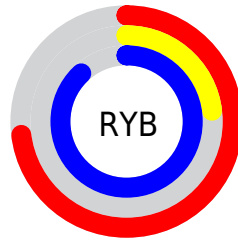
Distribution



Red (73%)

Green (23%)

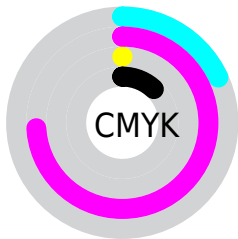
Blue (88%)



Red (73%)

Yellow (23%)

Blue (88%)

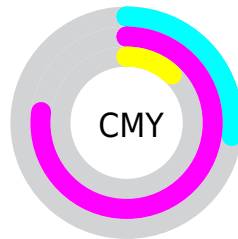


Cyan (18%)

Magenta (74%)

Yellow (0%)

Black (12%)



Cyan (27%)

Magenta (77%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.5980, 21.8100, 78.3380 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 115.5980, 21.8100, 78.3380 by changing the saturation by 10% instead.

115.5980, 21.8100,
78.3380

115.5980, 21.8100,
78.3380

255.0000, -0.0000,
-0.0000

81.4290, 23.9640,
83.3560

171.5910, 31.7150,
69.5310

57.2390, 21.4430,
79.4830

191.6040, 29.7000,
56.4840

45.4900, 12.8260,
64.9380

208.0400, 22.0000,
41.8400

34.0400, 4.8050,
50.6050

225.0630, 14.0250,
26.6730

23.1170, -3.2620,
37.1060

242.6730, 5.7750,
10.9830

7.4100, -20.8650,
20.2150

6.5490, -14.3070,

11.4930

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 115.5980, 21.8100,
78.3380

■ 115.5980, 21.8100,
78.3380

■ 100.6020, 25.1550,
89.3070

■ 130.3060, 19.3360,
68.1040

■ 85.8940, 27.6290,
99.5410

■ 145.3020, 15.9910,
57.1350

■ 76.7790, 29.6910,
106.2270

■ 159.7110, 12.9210,
46.6890

■ 175.0060, 10.1720,
35.9320

■ 189.4150, 7.1020,
25.4860

■ 204.7100, 4.3530,
14.7290

■ 219.1190, 1.2830,
4.2830

■ 234.1150, -2.0620,
-6.6860

■ 245.3010, -2.8860,
-13.7820

Harmonies

Analogous

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



94.8140, -112.6550, 20.7290



115.5980, 21.8100, 78.3380



90.1700, 96.9530, 98.6890

Triad

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



115.5980, 21.8100, 78.3380



113.9270, 71.0240, -20.6560



109.0600, -97.6540, -25.3820

Complementary

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



115.5980, 21.8100, 78.3380



168.4020, -21.8100, -78.3380

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.



98.3100, -70.1400, -50.4600



115.5980, 21.8100, 78.3380



106.7750, 20.6410, -49.2070

Square

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



115.5980, 21.8100, 78.3380



102.4840, 116.1330, 15.3730



85.1150, -39.8750, -75.8350



115.8660, -119.5740, -2.5660

Rectangle

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



115.5980, 21.8100, 78.3380



87.1180, 119.9260, 84.3260



85.1150, -39.8750, -75.8350



105.9820, -88.9870, -33.7790

Sweetspot

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



115.5980, 21.8100, 78.3380



218.2410, 7.6520, 26.5320



101.9910, -64.5610, 30.1830



105.6500, 4.5820, 16.0860



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.



115.5980, 21.8100, 78.3380



105.3060, 29.6450, 107.0610



122.7700, 59.1320, 73.7560



104.9450, 1.8330, 5.3290



60.1300, 23.3680, 83.1440



16.5350, 6.6440, 22.7720

Inverse Universe

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



113.1940, 86.0960, 47.6320



102.1430, 117.6370, 65.2290



161.1160, -58.8110, -74.0670



104.6310, 5.5930, 3.2650



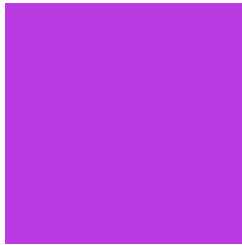
57.4120, 91.4140, 50.3740



15.7200, 24.7560, 13.9080

Previews

White Background



This preview shows how the YIQ color 115.5980, 21.8100, 78.3380 looks on a white background.

Color Contrast Check

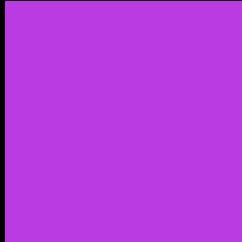
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 115.5980, 21.8100, 78.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

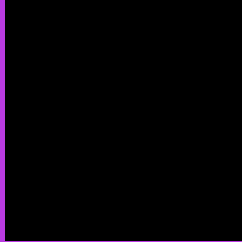
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 115.5980, 21.8100, 78.3380

Background



This preview shows how black text looks on a background with the YIQ color 115.5980, 21.8100, 78.3380.



This preview shows how white text looks on a background with the YIQ color 115.5980, 21.8100,

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

115.5980, 21.8100, 78.3380

Protanopia

96.1360, -110.8660, 15.8380

Deuteranopia

106.4750, -81.3840, 10.1680



Tritanopia

121.8310, 37.6850, 16.3810

Trichromacy



Original Color

115.5980, 21.8100, 78.3380



Protanomaly

102.9300, -62.5910, 38.5370



Deuteranomaly

109.8750, -43.5630, 35.1010



Tritanomaly

119.7220, 31.5830, 38.8710

Monochromacy



Original Color

115.5980, 21.8100, 78.3380



Achromatopsia

116.0000, -0.0000, 0.0000



Achromatomaly

115.7080, 7.8350, 28.7230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.5980, 21.8100, 78.3380 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(185, 59, 225)` looks like.

```
.text, #text, p{  
    color:rgb(185, 59, 225)  
}
```

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(185, 59, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 59, 225) }
```

Border

The CSS property to change the border of an element to YIQ 115.5980, 21.8100, 78.3380 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(185, 59, 225) }
```


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

```
.border{ border-color:rgb(185, 59, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 59, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 59, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 59, 225); box-shadow:4px 4px 4px 4px rgb(185, 59, 225) }
```

Background

The CSS property to change the background color of an element to YIQ 115.5980, 21.8100, 78.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 59, 225) }
```

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

```
.background{ background-color: rgb(185, 59,  
225) }
```

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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