

Converting Colors

YIQ(191.3240, 8.6160, 20.0720)

Have a look what the booklet for
YIQ(191.3240, 8.6160, 20.0720)
contains.

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Color

**YIQ(191.3240, 8.6160,
20.0720)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B0D8
RGB	212, 176, 216
RGB Percent	83%, 69%, 85%
CMY	0.1685, 0.3098, 0.1529
CMYK	0.02, 0.19, 0.00, 0.15
HSL	294°, 34%, 77%
HSV	294°, 19%, 85%
XYZ	55.0767, 50.0039, 71.7152
YIQ	191.3240, 8.6160, 20.0720

Conversions

Conversions Part 2

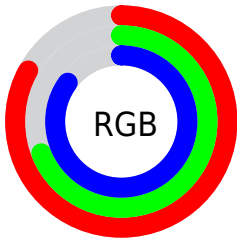
Format	Color
R_{YB}	212, 176, 216
Decimal	13938904
CIE _{Lab}	76.07, 19.99, -15.27
CIE _{LCh}	76, 25.153, 322.627
Yxy	50.0039, 0.3115, 0.2828
Android (android.graphics.Color)	4292128984 (0xFFD4B0D8)
YUV	191.3240, 12.1653, 18.1329
Hunter-Lab	70.7135, 15.2800, -10.6305

Details

The YIQ color $191.3240, 8.6160, 20.0720$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $200.6760, -8.6160, -20.0720$, and the grayscale version is $191.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $241.4990, 6.3250, 12.0290$, and $137.4980, 8.0660, 19.0260$ is the 20% darker color. If you saturate the color by 10%, you get $177.8120, 13.4740, 31.1540$, and if you desaturate by 10%, it is $204.8360, 3.7580, 8.9900$.

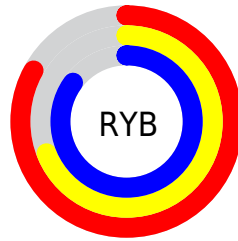
Distribution



Red (83%)

Green (69%)

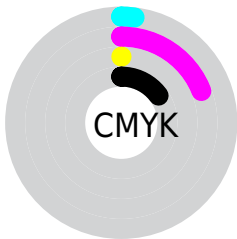
Blue (85%)



Red (83%)

Yellow (69%)

Blue (85%)

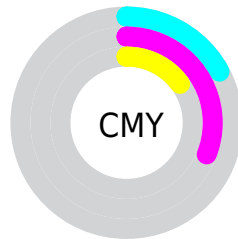


Cyan (2%)

Magenta (19%)

Yellow (0%)

Black (15%)



Cyan (17%)

Magenta (31%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.3240, 8.6160, 20.0720 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 191.3240, 8.6160, 20.0720 by changing the saturation by 10% instead.

■ 191.3240, 8.6160,
20.0720

■ 191.3240, 8.6160,
20.0720

255.0000, -0.0000,
-0.0000

■ 163.9110, 8.3410,
19.5490

■ 241.4990, 6.3250,
12.0290

■ 137.4980, 8.0660,
19.0260

■ 112.0850, 7.7910,
18.5030

■ 87.3730, 6.9200,
17.7680

■ 63.8460, 6.9660,
16.9340

■ 41.1340, 6.0950,
16.1990

■ 19.1340, 6.0950,

16.1990

■ 2.1660, -6.0990,
5.9090

■ 0.0000, 0.0000,
0.0000

■ 191.3240, 8.6160,
20.0720

■ 191.3240, 8.6160,
20.0720

■ 177.8120, 13.4740,
31.1540

■ 204.8360, 3.7580,
8.9900

■ 164.8870, 18.0570,
41.7130

■ 217.7610, -0.8250,
-1.5690

■ 151.3750, 22.9150,
52.7950

■ 231.2730, -5.6830,
-12.6510

■ 138.1510, 26.9020,
63.1420

■ 240.3880, -7.7450,
-19.3370

124.6390, 31.7600,
74.2240

240.9860, -6.5530,
-18.9130

111.1270, 36.6180,
85.3060

241.5840, -5.3610,
-18.4890

98.2020, 41.2010,
95.8650

242.1820, -4.1690,
-18.0650

84.6900, 46.0590,
106.9470

242.7800, -2.9770,
-17.6410

82.9290, 46.8840,
108.5160

243.3780, -1.7850,
-17.2170

Harmonies

Analogous

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



189.2440, -14.7660, 14.3060



191.3240, 8.6160, 20.0720



191.2630, 27.7810, 19.6610

Triad

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



191.3240, 8.6160, 20.0720



186.9860, 28.9780, -7.5500



176.9490, -48.6890, -15.1930

Complementary

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



191.3240, 8.6160, 20.0720



200.6760, -8.6160, -20.0720

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.



178.3990, -32.6410, -19.6890



191.3240, 8.6160, 20.0720



184.7340, 11.8320, -16.2000

Square

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



191.3240, 8.6160, 20.0720



189.3990, 38.4210, 3.0370



181.6050, -9.8540, -19.6620



179.1480, -50.3870, -6.4430

Rectangle

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



191.3240, 8.6160, 20.0720



190.9340, 35.8970, 15.7450



181.6050, -9.8540, -19.6620



177.5210, -44.6080, -17.5680

Sweetspot

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



191.3240, 8.6160, 20.0720



245.5970, 2.9330, 7.4210



182.9080, -13.9400, 10.3480



122.4180, 1.8790, 4.4950



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.



191.3240, 8.6160, 20.0720



220.3340, 11.8240, 28.0160



190.6960, 16.1360, 15.9440



100.2440, 2.4290, 5.5410



65.5400, 36.8930, 85.8290



16.5630, 9.4410, 21.6410

Inverse Universe

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



188.4160, 22.5560, 9.7240



216.3140, 31.7710, 13.4270



201.3040, -16.1360, -15.9440



99.4030, 6.2350, 2.6430



53.0670, 96.4590, 41.5390



13.3130, 24.3440, 10.3600

Previews

White Background



This preview shows how the YIQ color 191.3240, 8.6160, 20.0720 looks on a white background.

Color Contrast Check

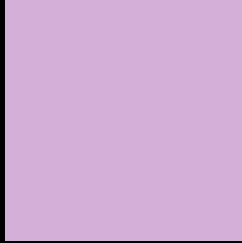
Large Text (above 18pt) WCAG AA × Fail

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 191.3240, 8.6160, 20.0720 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 191.3240, 8.6160, 20.0720

Background



This preview shows how black text looks on a background with the YIQ color 191.3240, 8.6160, 20.0720.



This preview shows how white text looks on a background with the YIQ color 191.3240, 8.6160,

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

191.3240, 8.6160, 20.0720

Protanopia

188.4240, -15.4530, 10.2350

Deuteranopia

189.6380, -4.3120, 12.0720



Tritanopia

190.2670, 12.7900, 10.5020

Trichromacy



Original Color

191.3240, 8.6160, 20.0720

Protanomaly

189.3220, -6.2380, 13.9380

Deuteranomaly

189.9700, 0.6850, 15.1250

Tritanomaly

190.8910, 11.0930, 13.7250

Monochromacy



Original Color

191.3240, 8.6160, 20.0720

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

191.4830, 3.2540, 7.1100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.3240, 8.6160, 20.0720 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(212, 176, 216)` looks like.

```
.text, #text, p{  
    color:rgb(212, 176, 216)  
}
```

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(212, 176, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 176, 216) }
```

Border

The CSS property to change the border of an element to YIQ 191.3240, 8.6160, 20.0720 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(212, 176, 216) }
```


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

```
.border{ border-color:rgb(212, 176, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 176, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 176, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 176, 216); box-shadow:4px 4px 4px 4px rgb(212, 176, 216) }
```

Background

The CSS property to change the background color of an element to YIQ 191.3240, 8.6160, 20.0720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 176, 216) }
```

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

```
.background{ background-color: rgb(212,  
176, 216) }
```

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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