

Converting Colors

YIQ(158.2560, 20.4910, 19.6190)

Have a look what the booklet for
YIQ(158.2560, 20.4910, 19.6190)
contains.

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Color

**YIQ(158.2560, 20.4910,
19.6190)**

Conversions

Conversions Part 1

Format	Color
Hex	BE8CA9
RGB	190, 140, 169
RGB Percent	75%, 55%, 66%
CMY	0.2548, 0.4510, 0.3372
CMYK	0.00, 0.26, 0.11, 0.25
HSL	325°, 28%, 65%
HSV	325°, 26%, 75%
XYZ	37.7818, 32.5668, 41.8382
YIQ	158.2560, 20.4910, 19.6190

Conversions

Conversions Part 2

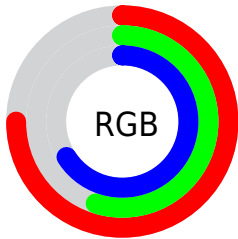
Format	Color
R _Y B	190, 140, 169
Decimal	12487849
CIE Lab	63.81, 23.63, -7.80
CIE LCh	64, 24.887, 341.735
Yxy	32.5668, 0.3368, 0.2903
Android (android.graphics.Color)	4290677929 (0xFFBE8CA9)
YUV	158.2560, 5.2968, 27.8395
Hunter-Lab	57.0674, 18.3092, -3.5206

Details

The YIQ color **158.2560, 20.4910, 19.6190** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171.7440, -20.4910, -19.6190**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.2670, 21.9580, 20.5660**, and **106.2450, 19.0240, 18.6720** is the 20% darker color. If you saturate the color by 10%, you get **146.1910, 28.2840, 27.0680**, and if you desaturate by 10%, it is **170.3210, 12.6980, 12.1700**.

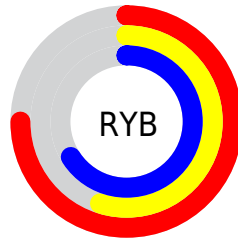
Distribution



Red (75%)

Green (55%)

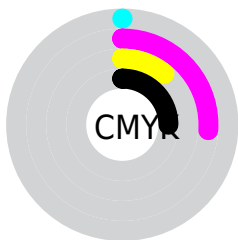
Blue (66%)



Red (75%)

Yellow (55%)

Blue (66%)

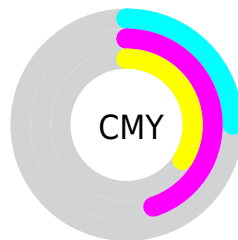


Cyan (0%)

Magenta (26%)

Yellow (11%)

Black (25%)



Cyan (25%)


Magenta (45%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 158.2560, 20.4910, 19.6190 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 158.2560, 20.4910, 19.6190 by changing the saturation by 10% instead.


 158.2560, 20.4910,
19.6190


 158.2560, 20.4910,
19.6190


255.0000, -0.0000,
-0.0000


 131.9570, 19.8950,
19.4070


 213.2670, 21.9580,
20.5660


 106.2450, 19.0240,
18.6720


 235.4010, 9.7170,
16.6370

 81.5330, 18.1530,
17.9370

 252.6520, 1.1000,
2.0920

 57.9350, 16.9610,
17.5130

 35.2230, 16.0900,
16.7780

 14.6250, 14.8980,
16.3540

 0.0000, 0.0000,

0.0000

■ 158.2560, 20.4910,
19.6190

■ 158.2560, 20.4910,
19.6190

■ 146.1910, 28.2840,
27.0680

■ 170.3210, 12.6980,
12.1700

■ 134.1260, 36.0770,
34.5170

■ 182.3860, 4.9050,
4.7210

■ 122.0610, 43.8700,
41.9660

■ 194.4510, -2.8880,
-2.7280

■ 109.9960, 51.6630,
49.4150

■ 206.5160,
-10.6810, -10.1770

■ 97.9310, 59.4560,
56.8640

■ 218.5810,
-18.4740, -17.6260

■ 85.8660, 67.2490,
64.3130

■ 230.6460,
-26.2670, -25.0750

■ 73.8010, 75.0420,
71.7620

■ 232.1450,
-29.1100, -23.1100

■ 69.3500, 77.9300,
74.4900

■ 233.0570,
-31.6780, -20.6220

■ 233.9690,
-34.2460, -18.1340

Harmonies

Analogous

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



157.6650, 0.2260, 17.9380



158.2560, 20.4910, 19.6190



157.2650, 33.4670, 15.7310

Triad

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



158.2560, 20.4910, 19.6190



152.6640, 18.0210, -12.7230



144.3280, -51.0740, -10.5140

Complementary

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



158.2560, 20.4910, 19.6190



171.7440, -20.4910, -19.6190

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.



144.1190, -43.4160, -17.1440



158.2560, 20.4910, 19.6190



149.8510, -1.7390, -18.0510

Square

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



158.2560, 20.4910, 19.6190



155.0620, 31.8200, -3.9880



146.8900, -23.8380, -19.5340



149.1430, -42.8230, -0.3510

Rectangle

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



158.2560, 20.4910, 19.6190



156.7290, 37.7320, 10.0200



146.8900, -23.8380, -19.5340



143.6330, -50.6150, -13.3270

Sweetspot

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



158.2560, 20.4910, 19.6190



234.9350, 7.7930, 7.4490



151.9790, -3.5340, 20.0020



116.7990, 5.1800, 5.2440



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



158.2560, 20.4910, 19.6190



196.8650, 32.3180, 31.0540



155.4060, 28.5160, 11.8440



88.2610, 3.7590, 3.4630



57.7300, 64.6360, 62.1080



11.3210, 12.6980, 12.1700

Inverse Universe

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



158.2560, 20.4910, 19.6190



196.8650, 32.3180, 31.0540



174.5940, -28.5160, -11.8440



88.2610, 3.7590, 3.4630



57.7300, 64.6360, 62.1080



11.3210, 12.6980, 12.1700

Previews

White Background



This preview shows how the YIQ color 158.2560, 20.4910, 19.6190 looks on a white background.

Color Contrast Check

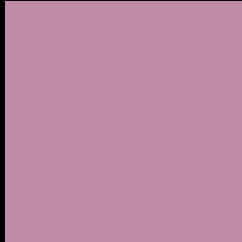
Large Text (above 18pt) WCAG AA × Fail

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 158.2560, 20.4910, 19.6190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

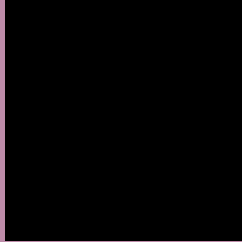
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.2560, 20.4910, 19.6190

Background



This preview shows how black text looks on a background with the YIQ color 158.2560, 20.4910, 19.6190.



This preview shows how white text looks on a background with the YIQ color 158.2560, 20.4910,

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

158.2560, 20.4910, 19.6190

Protanopia

155.8390, -9.4920, 6.8280

Deuteranopia

156.1240, 2.8870, 8.2550



Tritanopia

157.7090, 23.2890, 12.9610

Trichromacy



Original Color

158.2560, 20.4910, 19.6190

Protanomaly

156.7480, 1.1900, 11.4780

Deuteranomaly

156.5810, 9.0300, 12.5660

Tritanomaly

157.9910, 22.5550, 15.2510

Monochromacy



Original Color

158.2560, 20.4910, 19.6190

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.9350, 7.7930, 7.4490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.2560, 20.4910, 19.6190 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(190, 140, 169)` looks like.

```
.text, #text, p{  
    color:rgb(190, 140, 169)  
}
```

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(190, 140, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 140, 169) }
```

Border

The CSS property to change the border of an element to YIQ 158.2560, 20.4910, 19.6190 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(190, 140, 169) }
```


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

```
.border{ border-color:rgb(190, 140, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 140, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 140, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 140, 169);  
box-shadow:4px 4px 4px 4px rgb(190, 140,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 158.2560, 20.4910, 19.6190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 140, 169) }
```

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

```
.background{ background-color: rgb(190,  
140, 169) }
```

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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