

Converting Colors

YIQ(155.8430, 20.2160, 19.0960)

Have a look what the booklet for
YIQ(155.8430, 20.2160, 19.0960)
contains.

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Color

**YIQ(155.8430, 20.2160,
19.0960)**

Conversions

Conversions Part 1

Format	Color
Hex	BB8AA6
RGB	187, 138, 166
RGB Percent	73%, 54%, 65%
CMY	0.2665, 0.4589, 0.3490
CMYK	0.00, 0.26, 0.11, 0.27
HSL	326°, 27%, 64%
HSV	326°, 26%, 73%
XYZ	36.4717, 31.4939, 40.2402
YIQ	155.8430, 20.2160, 19.0960

Conversions

Conversions Part 2

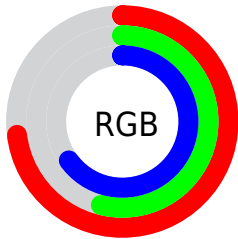
Format	Color
RYB	187, 138, 166
Decimal	12290726
CIELab	62.92, 23.15, -7.45
CIELCh	63, 24.324, 342.158
Yxy	31.4939, 0.3371, 0.2911
Android (android.graphics.Color)	4290480806 (0xFFBB8AA6)
YUV	155.8430, 5.0074, 27.3247
Hunter-Lab	56.1194, 17.7972, -3.2301

Details

The YIQ color **155.8430, 20.2160, 19.0960** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **169.1570, -20.2160, -19.0960**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.8540, 21.6830, 20.0430**, and **103.8320, 18.7490, 18.1490** is the 20% darker color. If you saturate the color by 10%, you get **143.7780, 28.0090, 26.5450**, and if you desaturate by 10%, it is **167.9080, 12.4230, 11.6470**.

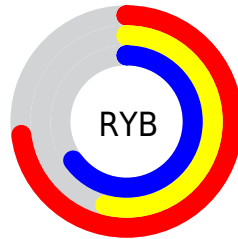
Distribution



Red (73%)

Green (54%)

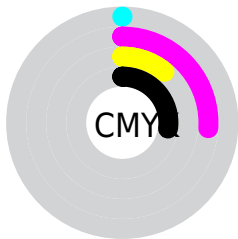
Blue (65%)



Red (73%)

Yellow (54%)

Blue (65%)

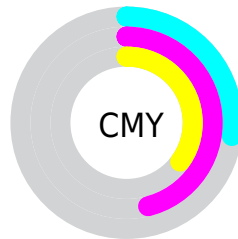


Cyan (0%)

Magenta (26%)

Yellow (11%)

Black (27%)



Cyan (27%)

Magenta (46%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.8430, 20.2160, 19.0960 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 155.8430, 20.2160, 19.0960 by changing the saturation by 10% instead.

■ 155.8430, 20.2160,
19.0960

■ 155.8430, 20.2160,
19.0960

255.0000, -0.0000,
-0.0000

■ 129.5440, 19.6200,
18.8840

■ 210.8540, 21.6830,
20.0430

■ 103.8320, 18.7490,
18.1490

■ 233.8850, 11.2300,
16.7500

■ 79.8210, 17.2820,
17.2020

■ 250.8910, 1.9250,
3.6610

■ 56.1090, 16.4110,
16.4670

■ 33.5110, 15.2190,
16.0430

■ 14.0980, 14.9440,
15.5200

■ 0.0000, 0.0000,

0.0000

155.8430, 20.2160,
19.0960

155.8430, 20.2160,
19.0960

143.7780, 28.0090,
26.5450

167.9080, 12.4230,
11.6470

132.3000, 35.5270,
33.4710

179.3860, 4.9050,
4.7210

120.2350, 43.3200,
40.9200

191.4510, -2.8880,
-2.7280

108.1700, 51.1130,
48.3690

203.5160,
-10.6810, -10.1770

96.1050, 58.9060,
55.8180

215.5810,
-18.4740, -17.6260

84.6270, 66.4240,
62.7440

227.0590,
-25.9920, -24.5520

72.5620, 74.2170,
70.1930

230.9060,
-29.9350, -24.6790

68.1110, 77.1050,
72.9210

231.8180,
-32.5030, -22.1910

232.7300,
-35.0710, -19.7030

Harmonies

Analogous

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



155.4370, 0.8680, 17.3160



155.8430, 20.2160, 19.0960



155.4390, 32.9170, 14.6850

Triad

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



155.8430, 20.2160, 19.0960



150.4790, 17.1040, -12.6240



142.8120, -49.5610, -10.4010

Complementary

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



155.8430, 20.2160, 19.0960



169.1570, -20.2160, -19.0960

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.



141.8310, -42.5450, -16.4090



155.8430, 20.2160, 19.0960



147.9650, -2.0600, -17.7400

Square

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



155.8430, 20.2160, 19.0960



151.9910, 30.5820, -3.5780



144.3030, -23.5630, -19.0110



147.0400, -41.0350, 0.2850

Rectangle

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



155.8430, 20.2160, 19.0960



154.1310, 36.5400, 9.5960



144.3030, -23.5630, -19.0110



142.1170, -49.1020, -13.2140

Sweetspot

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



155.8430, 20.2160, 19.0960



229.9350, 7.7930, 7.4490



149.5660, -3.8090, 19.4790



114.3860, 4.9050, 4.7210



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



155.8430, 20.2160, 19.0960



194.3270, 30.8970, 29.2730



153.1070, 27.9200, 11.6320



88.2610, 3.7590, 3.4630



57.5020, 65.2780, 61.4860



11.2070, 13.0190, 11.8590

Inverse Universe

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



155.8430, 20.2160, 19.0960



194.3270, 30.8970, 29.2730



171.8930, -27.9200, -11.6320



88.2610, 3.7590, 3.4630



57.5020, 65.2780, 61.4860



11.2070, 13.0190, 11.8590

Previews

White Background



This preview shows how the YIQ color 155.8430, 20.2160, 19.0960 looks on a white background.

Color Contrast Check

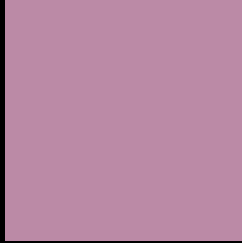
Large Text (above 18pt) WCAG AA × Fail

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 155.8430, 20.2160, 19.0960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

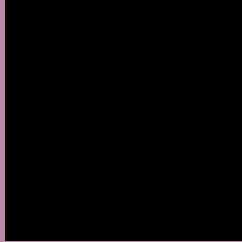
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.8430, 20.2160, 19.0960

Background



This preview shows how black text looks on a background with the YIQ color 155.8430, 20.2160, 19.0960.



This preview shows how white text looks on a background with the YIQ color 155.8430, 20.2160,

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

155.8430, 20.2160, 19.0960

Protanopia

153.1380, -8.8960, 7.0400

Deuteranopia

154.0100, 3.2080, 7.9440



Tritanopia

155.2960, 23.0140, 12.4380

Trichromacy



Original Color

155.8430, 20.2160, 19.0960

Protanomaly

154.0470, 1.7860, 11.6900

Deuteranomaly

154.4670, 9.3510, 12.2550

Tritanomaly

155.5780, 22.2800, 14.7280

Monochromacy



Original Color

155.8430, 20.2160, 19.0960

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.6360, 7.1970, 7.2370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.8430, 20.2160, 19.0960 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(187, 138, 166)` looks like.

```
.text, #text, p{  
    color:rgb(187, 138, 166)  
}
```

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(187, 138, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 138, 166) }
```

Border

The CSS property to change the border of an element to YIQ 155.8430, 20.2160, 19.0960 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(187, 138, 166) }
```


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

```
.border{ border-color:rgb(187, 138, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 138, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 138, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 138, 166);  
box-shadow:4px 4px 4px 4px rgb(187, 138,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 155.8430, 20.2160, 19.0960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 138, 166) }
```

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

```
.background{ background-color: rgb(187,  
138, 166) }
```

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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