

Converting Colors

YIQ(164.8430, 20.2160, 19.0960)

Have a look what the booklet for
YIQ(164.8430, 20.2160, 19.0960)
contains.

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Color

**YIQ(164.8430, 20.2160,
19.0960)**

Conversions

Conversions Part 1

Format	Color
Hex	C493AF
RGB	196, 147, 175
RGB Percent	77%, 58%, 69%
CMY	0.2312, 0.4236, 0.3137
CMYK	0.00, 0.25, 0.11, 0.23
HSL	326°, 29%, 67%
HSV	326°, 25%, 77%
XYZ	40.9437, 35.6971, 45.2974
YIQ	164.8430, 20.2160, 19.0960

Conversions

Conversions Part 2

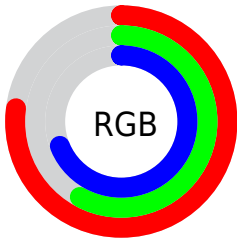
Format	Color
R_{YB}	196, 147, 175
Decimal	12882863
CIE _{Lab}	66.29, 22.93, -7.43
CIE _{LCh}	66, 24.102, 342.052
Yxy	35.6971, 0.3358, 0.2927
Android (android.graphics.Color)	4291072943 (0xFFC493AF)
YUV	164.8430, 5.0074, 27.3247
Hunter-Lab	59.7471, 17.7658, -3.1279

Details

The YIQ color **164.8430, 20.2160, 19.0960** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **178.1570, -20.2160, -19.0960**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.9680, 21.3620, 20.3540**, and **112.8320, 18.7490, 18.1490** is the 20% darker color. If you saturate the color by 10%, you get **152.1910, 28.2840, 27.0680**, and if you desaturate by 10%, it is **177.4950, 12.1480, 11.1240**.

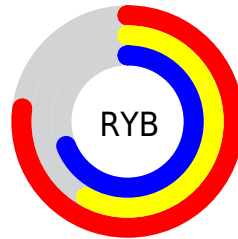
Distribution



Red (77%)

Green (58%)

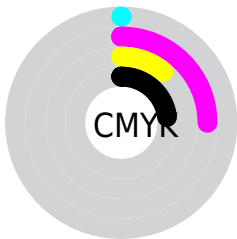
Blue (69%)



Red (77%)

Yellow (58%)

Blue (69%)

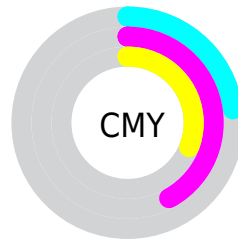


Cyan (0%)

Magenta (25%)

Yellow (11%)

Black (23%)



Cyan (23%)


Magenta (42%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 164.8430, 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 164.8430, 20.2160, 19.0960 by changing the saturation by 10% instead.


 164.8430, 20.2160,
19.0960

 164.8430, 20.2160,
19.0960


255.0000, -0.0000,
-0.0000


 138.1310, 19.3450,
18.3610


 219.9680, 21.3620,
20.3540


 112.8320, 18.7490,
18.1490

 240.3250, 6.8750,
13.0750

 88.1200, 17.8780,
17.4140

 64.1090, 16.4110,
16.4670

 40.8100, 15.8150,
16.2550

 18.6250, 14.8980,
16.3540

 5.1260, 8.5730,

4.3250

■ 0.0000, 0.0000,
0.0000

■ 164.8430, 20.2160,
19.0960

■ 164.8430, 20.2160,
19.0960

■ 152.1910, 28.2840,
27.0680

■ 177.4950, 12.1480,
11.1240

■ 140.0120, 36.3980,
34.2060

■ 189.6740, 4.0340,
3.9860

■ 127.3600, 44.4660,
42.1780

■ 202.3260, -4.0340,
-3.9860

■ 115.1810, 52.5800,
49.3160

■ 214.5050,
-12.1480, -11.1240

■ 102.5290, 60.6480,
57.2880

■ 227.1570,
-20.2160, -19.0960

■ 89.8770, 68.7160,
65.2600

■ 233.9390,
-25.5340, -21.8380

■ 77.6980, 76.8300,
72.3980

■ 234.9650,
-28.4230, -19.0390

■ 71.3720, 80.8640,
76.3840

■ 235.8770,
-30.9910, -16.5510

■ 236.9030,
-33.8800, -13.7520

Harmonies

Analogous

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



164.1380, 0.2720, 17.1040



164.8430, 20.2160, 19.0960



164.4390, 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.



164.8430, 20.2160, 19.0960



159.4790, 17.1040, -12.6240



152.1110, -48.9650, -10.1890

Complementary

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



164.8430, 20.2160, 19.0960



178.1570, -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.



151.0160, -41.6280, -16.5080



164.8430, 20.2160, 19.0960



156.9650, -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.



164.8430, 20.2160, 19.0960



161.1760, 31.4990, -3.6770



153.3030, -23.5630, -19.0110



156.0400, -41.0350, 0.2850

Rectangle

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



164.8430, 20.2160, 19.0960



163.1310, 36.5400, 9.5960



153.3030, -23.5630, -19.0110



151.4160, -48.5060, -13.0020

Sweetspot

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



164.8430, 20.2160, 19.0960



242.2340, 8.3890, 7.6610



158.5660, -3.8090, 19.4790



119.6850, 5.5010, 4.9330



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.



164.8430, 20.2160, 19.0960



206.6260, 31.4930, 29.4850



162.1070, 27.9200, 11.6320



90.6740, 4.0340, 3.9860



58.6270, 66.4240, 62.7440



12.0330, 13.5690, 12.9050

Inverse Universe

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



164.8430, 20.2160, 19.0960



206.6260, 31.4930, 29.4850



180.8930, -27.9200, -11.6320



90.6740, 4.0340, 3.9860



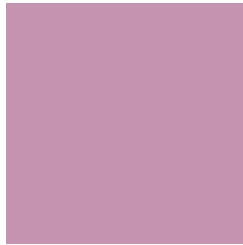
58.6270, 66.4240, 62.7440



12.0330, 13.5690, 12.9050

Previews

White Background



This preview shows how the YIQ color 164.8430, 20.2160, 19.0960 looks on a white background.

Color Contrast Check

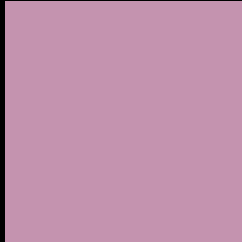
Large Text (above 18pt) WCAG AA × Fail

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 164.8430, 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 164.8430, 20.2160, 19.0960

Background



This preview shows how black text looks on a background with the YIQ color 164.8430, 20.2160, 19.0960.



This preview shows how white text looks on a background with the YIQ color 164.8430, 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

164.8430, 20.2160, 19.0960

Protanopia

162.0240, -8.5750, 6.7290

Deuteranopia

163.3090, 3.8040, 8.1560



Tritanopia

163.8230, 22.9680, 13.2720

Trichromacy



Original Color

164.8430, 20.2160, 19.0960

Protanomaly

162.9330, 2.1070, 11.3790

Deuteranomaly

163.7660, 9.9470, 12.4670

Tritanomaly

164.1050, 22.2340, 15.5620

Monochromacy



Original Color

164.8430, 20.2160, 19.0960

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.6360, 7.1970, 7.2370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.8430, 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(196, 147, 175)` looks like.

```
.text, #text, p{  
    color:rgb(196, 147, 175)  
}
```

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(196, 147, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 147, 175) }
```

Border

The CSS property to change the border of an element to YIQ 164.8430, 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(196, 147, 175) }
```


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

```
.border{ border-color:rgb(196, 147, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 147, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 147, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 147, 175);  
box-shadow:4px 4px 4px 4px rgb(196, 147,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 164.8430, 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(196, 147, 175) }
```

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

```
.background{ background-color: rgb(196,  
147, 175) }
```

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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