

Converting Colors

YIQ(160.6640, 19.1620, 16.1700)

Have a look what the booklet for
YIQ(160.6640, 19.1620, 16.1700)
contains.

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Color

**YIQ(160.6640, 19.1620,
16.1700)**

Conversions

Conversions Part 1

Format	Color
Hex	BD91A7
RGB	189, 145, 167
RGB Percent	74%, 57%, 65%
CMY	0.2587, 0.4314, 0.3450
CMYK	0.00, 0.23, 0.12, 0.26
HSL	330°, 25%, 65%
HSV	330°, 23%, 74%
XYZ	38.0928, 33.8584, 41.0941
YIQ	160.6640, 19.1620, 16.1700

Conversions

Conversions Part 2

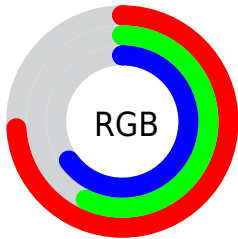
Format	Color
RYB	189, 145, 167
Decimal	12423591
CIELab	64.85, 20.15, -5.14
CIElCh	65, 20.795, 345.697
Yxy	33.8584, 0.3370, 0.2995
Android (android.graphics.Color)	4290613671 (0xFFBD91A7)
YUV	160.6640, 3.1236, 24.8507
Hunter-Lab	58.1880, 15.0261, -1.1408

Details

The YIQ color **160.6640, 19.1620, 16.1700** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **173.3360, -19.1620, -16.1700**, and the grayscale version is **161.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.6750, 20.6290, 17.1170**, and **108.6530, 17.6950, 15.2230** is the 20% darker color. If you saturate the color by 10%, you get **148.4850, 27.2760, 23.3080**, and if you desaturate by 10%, it is **172.8430, 11.0480, 9.0320**.

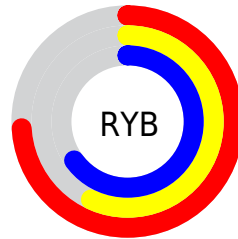
Distribution



Red (74%)

Green (57%)

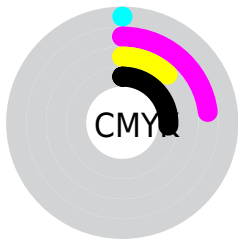
Blue (65%)



Red (74%)

Yellow (57%)

Blue (65%)

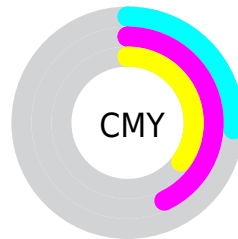


Cyan (0%)

Magenta (23%)

Yellow (12%)

Black (26%)



Cyan (26%)

Magenta (43%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 160.6640, 19.1620, 16.1700 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 160.6640, 19.1620, 16.1700 by changing the saturation by 10% instead.

■ 160.6640, 19.1620,
16.1700

■ 160.6640, 19.1620,
16.1700

■ 255.0000, -0.0000,
-0.0000

■ 134.3650, 18.5660,
15.9580

■ 215.6750, 20.6290,
17.1170

■ 108.6530, 17.6950,
15.2230

■ 238.1080, 8.9840,
13.4000

■ 84.0550, 16.5030,
14.7990

■ 60.6420, 16.2280,
14.2760

■ 38.0440, 15.0360,
13.8520

■ 15.6850, 14.6690,
14.9970

■ 0.0000, 0.0000,

0.0000

■ 160.6640, 19.1620,
16.1700

■ 160.6640, 19.1620,
16.1700

■ 148.4850, 27.2760,
23.3080

■ 172.8430, 11.0480,
9.0320

■ 136.1920, 35.7110,
30.1350

■ 185.1360, 2.6130,
2.2050

■ 124.0130, 43.8250,
37.2730

■ 197.3150, -5.5010,
-4.9330

■ 111.7200, 52.2600,
44.1000

■ 209.6080,
-13.9360, -11.7600

■ 99.5410, 60.3740,
51.2380

■ 221.7870,
-22.0500, -18.8980

■ 87.8350, 68.5340,
57.5420

■ 231.7320,
-29.3850, -23.6330

■ 75.6560, 76.6480,
64.6800

■ 232.7580,
-32.2740, -20.8340

■ 67.3410, 82.1490,
69.6130

■ 233.8980,
-35.4840, -17.7240

■ 234.9240,
-38.3730, -14.9250

Harmonies

Analogous

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



159.7530, 2.7940, 15.4500



160.6640, 19.1620, 16.1700



160.0040, 29.7080, 12.2680

Triad

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



160.6640, 19.1620, 16.1700



155.2660, 13.3900, -11.3940



150.2970, -40.6210, -7.2210

Complementary

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



160.6640, 19.1620, 16.1700



173.3360, -19.1620, -16.1700

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.



149.6470, -36.0350, -13.2430



160.6640, 19.1620, 16.1700



153.0620, -3.7110, -15.3510

Square

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



160.6640, 19.1620, 16.1700



157.5390, 26.0430, -3.9170



150.7810, -21.9130, -15.8730



154.1720, -32.5990, 1.5850

Rectangle

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



160.6640, 19.1620, 16.1700



159.2120, 31.8180, 7.0660



150.7810, -21.9130, -15.8730



149.7160, -40.4830, -9.7230

Sweetspot

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



160.6640, 19.1620, 16.1700



233.9950, 7.5640, 6.0920



156.2950, -1.6080, 18.1360



116.2610, 3.7590, 3.4630



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.



160.6640, 19.1620, 16.1700



200.6210, 29.8890, 25.5130



158.2700, 25.9030, 9.6390



88.2610, 3.7590, 3.4630



56.2480, 68.8090, 58.0650



10.9790, 13.6610, 11.2370

Inverse Universe

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



160.6640, 19.1620, 16.1700



200.6210, 29.8890, 25.5130



175.7300, -25.9030, -9.6390



88.2610, 3.7590, 3.4630



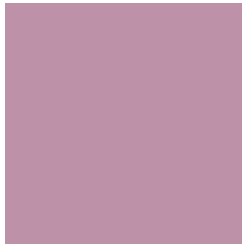
56.2480, 68.8090, 58.0650



10.9790, 13.6610, 11.2370

Previews

White Background



This preview shows how the YIQ color 160.6640, 19.1620, 16.1700 looks on a white background.

Color Contrast Check

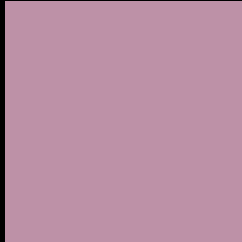
Large Text (above 18pt) WCAG AA × Fail

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 160.6640, 19.1620, 16.1700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

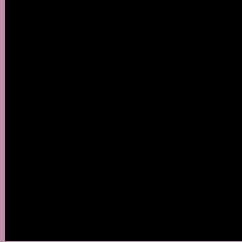
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 160.6640, 19.1620, 16.1700

Background



This preview shows how black text looks on a background with the YIQ color 160.6640, 19.1620, 16.1700.



This preview shows how white text looks on a background with the YIQ color 160.6640, 19.1620,

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

160.6640, 19.1620, 16.1700

Protanopia

158.6390, -6.0530, 5.0750

Deuteranopia

159.2660, 5.3630, 7.4350



Tritanopia

160.5130, 20.9050, 12.1130

Trichromacy



Original Color

160.6640, 19.1620, 16.1700

Protanomaly

159.5370, 3.1620, 8.7780

Deuteranomaly

159.5980, 10.3600, 10.4880

Tritanomaly

160.2680, 20.2170, 13.5690

Monochromacy



Original Color

160.6640, 19.1620, 16.1700

Achromatopsia

161.0000, -0.0000, -0.0000

Achromatomaly

160.6960, 6.9680, 5.8800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 160.6640, 19.1620, 16.1700 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(189, 145, 167)` looks like.

```
.text, #text, p{  
    color:rgb(189, 145, 167)  
}
```

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(189, 145, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 145, 167) }
```

Border

The CSS property to change the border of an element to YIQ 160.6640, 19.1620, 16.1700 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(189, 145, 167) }
```


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

```
.border{ border-color:rgb(189, 145, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 145, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 145, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 145, 167);  
box-shadow:4px 4px 4px 4px rgb(189, 145,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 160.6640, 19.1620, 16.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 145, 167) }
```

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

```
.background{ background-color: rgb(189,  
145, 167) }
```

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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