

Converting Colors

YIQ(153.6640, 19.1620, 16.1700)

Have a look what the booklet for
YIQ(153.6640, 19.1620, 16.1700)
contains.

YIQ(153.6640, 19.1620, 16.1700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(153.6640, 19.1620,
16.1700)**

Conversions

Conversions Part 1

Format	Color
Hex	B68AA0
RGB	182, 138, 160
RGB Percent	71%, 54%, 63%
CMY	0.2862, 0.4589, 0.3725
CMYK	0.00, 0.24, 0.12, 0.29
HSL	330°, 23%, 63%
HSV	330°, 24%, 71%
XYZ	34.7308, 30.6590, 37.3519
YIQ	153.6640, 19.1620, 16.1700

Conversions

Conversions Part 2

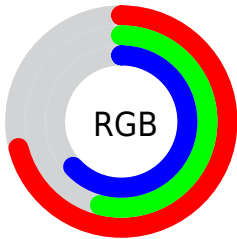
Format	Color
RYB	182, 138, 160
Decimal	11963040
CIELab	62.22, 20.31, -5.15
CIElCh	62, 20.953, 345.782
Yxy	30.6590, 0.3380, 0.2984
Android (android.graphics.Color)	4290153120 (0xFFB68AA0)
YUV	153.6640, 3.1236, 24.8507
Hunter-Lab	55.3706, 15.0645, -1.2364

Details

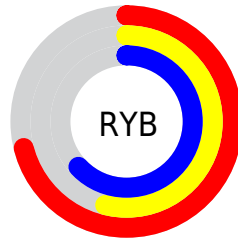
The YIQ color **153.6640, 19.1620, 16.1700** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **166.3360, -19.1620, -16.1700**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.3760, 20.0330, 16.9050**, and **102.3540, 17.0990, 15.0110** is the 20% darker color. If you saturate the color by 10%, you get **142.0720, 27.0010, 22.7850**, and if you desaturate by 10%, it is **165.2560, 11.3230, 9.5550**.

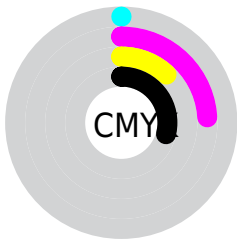
Distribution



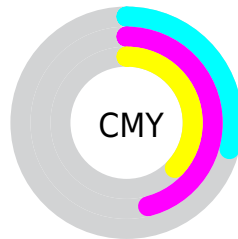
- Red (71%)
- Green (54%)
- Blue (63%)



- Red (71%)
- Yellow (54%)
- Blue (63%)



- Cyan (0%)
- Magenta (24%)
- Yellow (12%)
- Black (29%)



- Cyan (29%)
- Magenta (46%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.6640, 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 153.6640, 19.1620, 16.1700 by changing the saturation by 10% instead.

■ 153.6640, 19.1620,
16.1700

■ 153.6640, 19.1620,
16.1700

■ 255.0000, -0.0000,
-0.0000

■ 127.3650, 18.5660,
15.9580

■ 208.3760, 20.0330,
16.9050

■ 102.6530, 17.6950,
15.2230

■ 233.0870, 13.4770,
14.5730

■ 77.9410, 16.8240,
14.4880

■ 250.8910, 1.9250,
3.6610

■ 54.3430, 15.6320,
14.0640

■ 32.6310, 14.7610,
13.3290

■ 12.6310, 14.7610,
13.3290

■ 0.0000, 0.0000,

0.0000

153.6640, 19.1620,
16.1700

153.6640, 19.1620,
16.1700

142.0720, 27.0010,
22.7850

165.2560, 11.3230,
9.5550

130.4800, 34.8400,
29.4000

176.8480, 3.4840,
2.9400

118.3010, 42.9540,
36.5380

189.0270, -4.6300,
-4.1980

106.7090, 50.7930,
43.1530

200.6190,
-12.4690, -10.8130

95.1170, 58.6320,
49.7680

212.3250,
-20.6290, -17.1170

83.4110, 66.7920,
56.0720

223.9170,
-28.4680, -23.7320

■ 71.8190, 74.6310,
62.6870

■ 229.6390,
-33.5570, -25.1170

■ 64.7920, 79.2610,
66.8850

■ 230.6650,
-36.4460, -22.3180

■ 231.6910,
-39.3350, -19.5190

Harmonies

Analogous

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



152.7530, 2.7940, 15.4500



153.6640, 19.1620, 16.1700



153.0040, 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.



153.6640, 19.1620, 16.1700



148.3800, 13.0690, -11.0830



143.2970, -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.



153.6640, 19.1620, 16.1700



166.3360, -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.



142.3480, -36.6310, -13.4550



153.6640, 19.1620, 16.1700



146.0620, -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.



153.6640, 19.1620, 16.1700



150.2400, 25.4470, -4.1290



143.7810, -21.9130, -15.8730



147.1720, -32.5990, 1.5850

Rectangle

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



153.6640, 19.1620, 16.1700



152.3260, 31.4970, 7.3770



143.7810, -21.9130, -15.8730



142.7160, -40.4830, -9.7230

Sweetspot

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



153.6640, 19.1620, 16.1700



226.6960, 6.9680, 5.8800



149.2950, -1.6080, 18.1360



113.5600, 4.3550, 3.6750



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



153.6640, 19.1620, 16.1700



192.6210, 29.8890, 25.5130



151.2700, 25.9030, 9.6390



86.1470, 4.0800, 3.1520



55.5360, 67.9380, 57.3300



9.9680, 12.1940, 10.2900

Inverse Universe

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



153.6640, 19.1620, 16.1700



192.6210, 29.8890, 25.5130



168.7300, -25.9030, -9.6390



86.1470, 4.0800, 3.1520



55.5360, 67.9380, 57.3300



9.9680, 12.1940, 10.2900

Previews

White Background



This preview shows how the YIQ color 153.6640, 19.1620, 16.1700 looks on a white background.

Color Contrast Check

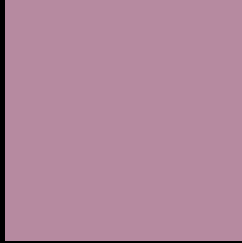
Large Text (above 18pt) WCAG AA × Fail

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 153.6640, 19.1620, 16.1700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

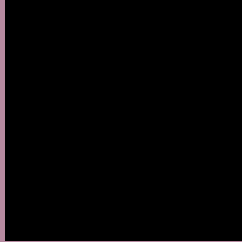
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.6640, 19.1620, 16.1700

Background



This preview shows how black text looks on a background with the YIQ color 153.6640, 19.1620, 16.1700.



This preview shows how white text looks on a background with the YIQ color 153.6640, 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

153.6640, 19.1620, 16.1700

Protanopia

151.3400, -6.6490, 4.8630

Deuteranopia

152.1520, 5.6840, 7.1240



Tritanopia

153.3990, 21.2260, 11.8020

Trichromacy



Original Color

153.6640, 19.1620, 16.1700

Protanomaly

152.2380, 2.5660, 8.5660

Deuteranomaly

152.5980, 10.3600, 10.4880

Tritanomaly

153.2680, 20.2170, 13.5690

Monochromacy



Original Color

153.6640, 19.1620, 16.1700

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.6960, 6.9680, 5.8800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.6640, 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(182, 138, 160)` looks like.

```
.text, #text, p{  
    color:rgb(182, 138, 160)  
}
```

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(182, 138, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 138, 160) }
```

Border

The CSS property to change the border of an element to YIQ 153.6640, 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(182, 138, 160) }
```


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

```
.border{ border-color:rgb(182, 138, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 138, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 138, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 138, 160);  
box-shadow:4px 4px 4px 4px rgb(182, 138,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 153.6640, 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(182, 138, 160) }
```

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

```
.background{ background-color: rgb(182,  
138, 160) }
```

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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