

Converting Colors

YIQ(163.0000, 18.3360, 20.1280)

Have a look what the booklet for
YIQ(163.0000, 18.3360, 20.1280)
contains.

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Color

**YIQ(163.0000, 18.3360,
20.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	C191B1
RGB	193, 145, 177
RGB Percent	76%, 57%, 69%
CMY	0.2430, 0.4314, 0.3058
CMYK	0.00, 0.25, 0.08, 0.24
HSL	320°, 28%, 66%
HSV	320°, 25%, 76%
XYZ	40.0604, 34.7614, 46.1996
YIQ	163.0000, 18.3360, 20.1280

Conversions

Conversions Part 2

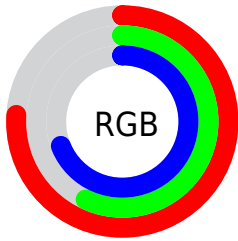
Format	Color
RYB	193, 145, 177
Decimal	12685745
CIELab	65.56, 23.32, -9.66
CIELCh	66, 25.243, 337.494
Yxy	34.7614, 0.3310, 0.2872
Android (android.graphics.Color)	4290875825 (0xFFC191B1)
YUV	163.0000, 6.9020, 26.3100
Hunter-Lab	58.9588, 18.1064, -5.1879

Details

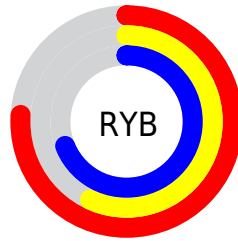
The YIQ color **163.0000, 18.3360, 20.1280** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **175.0000, -18.3360, -20.1280**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.1250, 19.4820, 21.3860**, and **110.8750, 17.1900, 18.8700** is the 20% darker color. If you saturate the color by 10%, you get **151.1630, 25.4870, 28.1990**, and if you desaturate by 10%, it is **174.8370, 11.1850, 12.0570**.

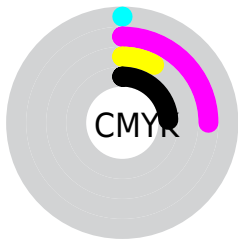
Distribution



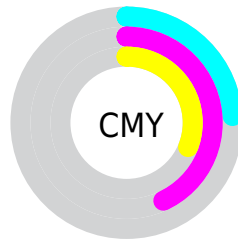
- Red (76%)
- Green (57%)
- Blue (69%)



- Red (76%)
- Yellow (57%)
- Blue (69%)



- Cyan (0%)
- Magenta (25%)
- Yellow (8%)
- Black (24%)



- Cyan (24%)
- Magenta (43%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.0000, 18.3360, 20.1280 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 163.0000, 18.3360, 20.1280 by changing the saturation by 10% instead.

■ 163.0000, 18.3360,
20.1280

■ 163.0000, 18.3360,
20.1280

■ 255.0000, -0.0000,
-0.0000

■ 136.5870, 18.0610,
19.6050

■ 218.1250, 19.4820,
21.3860

■ 110.8750, 17.1900,
18.8700

■ 238.5640, 7.7000,
14.6440

■ 86.2770, 15.9980,
18.4460

■ 62.5650, 15.1270,
17.7110

■ 39.8530, 14.2560,
16.9760

■ 17.0810, 13.6140,
17.5980

■ 3.2610, 3.7590,

3.4630

■ 0.0000, 0.0000,
0.0000

■ 163.0000, 18.3360,
20.1280

■ 163.0000, 18.3360,
20.1280

■ 151.1630, 25.4870,
28.1990

■ 174.8370, 11.1850,
12.0570

■ 138.6250, 33.2340,
36.4820

■ 187.3750, 3.4380,
3.7740

■ 126.7880, 40.3850,
44.5530

■ 199.2120, -3.7130,
-4.2970

■ 114.8370, 47.8570,
52.3130

■ 211.1630,
-11.1850, -12.0570

■ 102.4130, 55.2830,
60.9070

■ 223.5870,
-18.6110, -20.6510

■ 90.4620, 62.7550,
68.6670

■ 232.0160,
-24.4330, -25.2730

■ 78.6250, 69.9060,
76.7380

■ 232.7000,
-26.3590, -23.4070

■ 72.4130, 73.6190,
81.0350

■ 233.4980,
-28.6060, -21.2300

■ 234.1820,
-30.5320, -19.3640

Harmonies

Analogous

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



161.6970, -2.8000, 17.7120



163.0000, 18.3360, 20.1280



162.4930, 32.8250, 16.3530

Triad

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



163.0000, 18.3360, 20.1280



157.7460, 20.7260, -12.1860



149.0890, -51.8990, -12.0830

Complementary

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



163.0000, 18.3360, 20.1280



175.0000, -18.3360, -20.1280

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.



148.9620, -41.5360, -18.1760



163.0000, 18.3360, 20.1280



154.8190, 1.2870, -17.8250

Square

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



163.0000, 18.3360, 20.1280



159.4860, 33.5620, -2.5180



151.4450, -21.0870, -19.8310



152.5340, -45.4820, -1.7220

Rectangle

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



163.0000, 18.3360, 20.1280



161.6690, 37.9610, 11.3770



151.4450, -21.0870, -19.8310



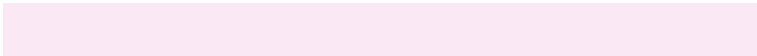
147.9920, -50.2480, -14.4720

Sweetspot

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



163.0000, 18.3360, 20.1280



238.7500, 6.8760, 7.5480



155.2560, -5.8720, 18.3200



118.7880, 3.7130, 4.2970



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.



163.0000, 18.3360, 20.1280



203.1250, 28.6500, 31.4500



160.2640, 26.0400, 12.6640



90.7880, 3.7130, 4.2970



60.3370, 61.6090, 67.4090



12.3750, 12.6060, 13.8380

Inverse Universe

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



163.0000, 18.3360, 20.1280



203.1250, 28.6500, 31.4500



177.7360, -26.0400, -12.6640



90.7880, 3.7130, 4.2970



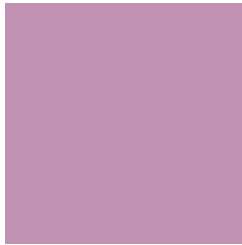
60.3370, 61.6090, 67.4090



12.3750, 12.6060, 13.8380

Previews

White Background



This preview shows how the YIQ color 163.0000, 18.3360, 20.1280 looks on a white background.

Color Contrast Check

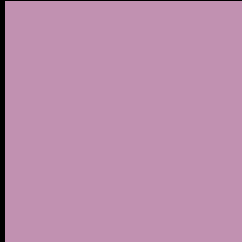
Large Text (above 18pt) WCAG AA × Fail

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 163.0000, 18.3360, 20.1280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

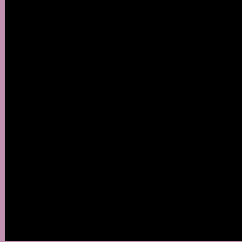
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.0000, 18.3360, 20.1280

Background



This preview shows how black text looks on a background with the YIQ color 163.0000, 18.3360, 20.1280.



This preview shows how white text looks on a background with the YIQ color 163.0000, 18.3360,

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

163.0000, 18.3360, 20.1280

Protanopia

159.9960, -11.3720, 7.8600

Deuteranopia

161.1670, 1.3280, 8.9760



Tritanopia

162.1110, 22.0970, 12.5370

Trichromacy



Original Color

163.0000, 18.3360, 20.1280

Protanomaly

160.9050, -0.6900, 12.5100

Deuteranomaly

161.6240, 7.4710, 13.2870

Tritanomaly

162.6210, 20.7210, 15.4490

Monochromacy



Original Color

163.0000, 18.3360, 20.1280

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.7500, 6.8760, 7.5480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.0000, 18.3360, 20.1280 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(193, 145, 177)` looks like.

```
.text, #text, p{  
    color:rgb(193, 145, 177)  
}
```

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(193, 145, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 145, 177) }
```

Border

The CSS property to change the border of an element to YIQ 163.0000, 18.3360, 20.1280 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(193, 145, 177) }
```


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

```
.border{ border-color:rgb(193, 145, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 145, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 145, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 145, 177);  
box-shadow:4px 4px 4px 4px rgb(193, 145,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 163.0000, 18.3360, 20.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 145, 177) }
```

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

```
.background{ background-color: rgb(193,  
145, 177) }
```

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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