

Converting Colors

YIQ(163.7720, 18.9780, 19.5060)

Have a look what the booklet for
YIQ(163.7720, 18.9780, 19.5060)
contains.

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Color

**YIQ(163.7720, 18.9780,
19.5060)**

Conversions

Conversions Part 1

Format	Color
Hex	C292B0
RGB	194, 146, 176
RGB Percent	76%, 57%, 69%
CMY	0.2391, 0.4275, 0.3097
CMYK	0.00, 0.25, 0.09, 0.24
HSL	323°, 28%, 67%
HSV	323°, 25%, 76%
XYZ	40.3704, 35.1605, 45.7401
YIQ	163.7720, 18.9780, 19.5060

Conversions

Conversions Part 2

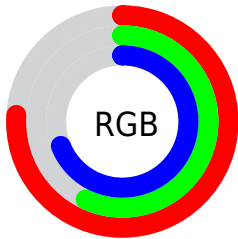
Format	Color
RYB	194, 146, 176
Decimal	12751536
CIELab	65.87, 22.94, -8.63
CIELCh	66, 24.513, 339.395
Yxy	35.1605, 0.3329, 0.2899
Android (android.graphics.Color)	4290941616 (0xFFC292B0)
YUV	163.7720, 6.0284, 26.5100
Hunter-Lab	59.2963, 17.7588, -4.2278

Details

The YIQ color **163.7720, 18.9780, 19.5060** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **176.2280, -18.9780, -19.5060**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **218.8970, 20.1240, 20.7640**, and **111.7610, 17.5110, 18.5590** is the 20% darker color. If you saturate the color by 10%, you get **151.8210, 26.4500, 27.2660**, and if you desaturate by 10%, it is **175.7230, 11.5060, 11.7460**.

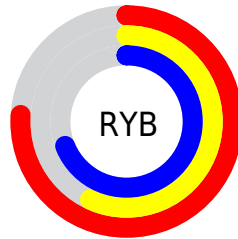
Distribution



Red (76%)

Green (57%)

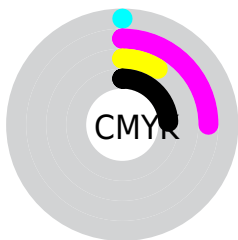
Blue (69%)



Red (76%)

Yellow (57%)

Blue (69%)

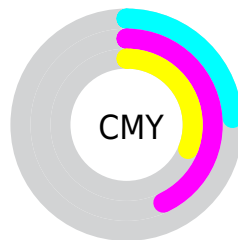


Cyan (0%)

Magenta (25%)

Yellow (9%)

Black (24%)



Cyan (24%)


Magenta (43%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 163.7720, 18.9780, 19.5060 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 163.7720, 18.9780, 19.5060 by changing the saturation by 10% instead.


 163.7720, 18.9780,
19.5060


 163.7720, 18.9780,
19.5060


255.0000, -0.0000,
-0.0000


 137.3590, 18.7030,
18.9830


 218.8970, 20.1240,
20.7640


 111.7610, 17.5110,
18.5590

 239.1510, 7.4250,
14.1210

 87.0490, 16.6400,
17.8240

 63.3370, 15.7690,
17.0890

 40.0380, 15.1730,
16.8770

 17.8530, 14.2560,
16.9760

 4.0440, 5.8680,

3.7880

0.0000, 0.0000,
0.0000

163.7720, 18.9780,
19.5060

163.7720, 18.9780,
19.5060

151.8210, 26.4500,
27.2660

175.7230, 11.5060,
11.7460

139.1690, 34.5180,
35.2380

188.3750, 3.4380,
3.7740

127.2180, 41.9900,
42.9980

200.3260, -4.0340,
-3.9860

114.6800, 49.7370,
51.2810

212.8640,
-11.7810, -12.2690

102.7290, 57.2090,
59.0410

224.8150,
-19.2530, -20.0290

■ 90.6640, 65.0020,
66.4900

■ 232.7710,
-25.1210, -23.8170

■ 78.1260, 72.7490,
74.7730

■ 233.5690,
-27.3680, -21.6400

■ 71.8000, 76.7830,
78.7590

■ 234.3670,
-29.6150, -19.4630

■ 235.2790,
-32.1830, -16.9750

Harmonies

Analogous

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



162.7680, -1.5620, 17.3020



163.7720, 18.9780, 19.5060



163.0800, 32.5500, 15.8300

Triad

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



163.7720, 18.9780, 19.5060



158.3760, 18.8920, -11.9880



150.3990, -49.8360, -10.9240

Complementary

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



163.7720, 18.9780, 19.5060



176.2280, -18.9780, -19.5060

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.



149.7880, -40.9860, -17.1300



163.7720, 18.9780, 19.5060



155.7480, 0.0490, -17.4150

Square

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



163.7720, 18.9780, 19.5060



159.8880, 32.3700, -2.9420



152.6730, -21.7290, -19.2090



154.7300, -43.0980, -0.8740

Rectangle

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



163.7720, 18.9780, 19.5060



162.6580, 36.4940, 10.4300



152.6730, -21.7290, -19.2090



150.0030, -48.7810, -13.5250

Sweetspot

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



163.7720, 18.9780, 19.5060



241.3370, 6.6010, 7.0250



156.8540, -4.6800, 18.7440



121.0870, 4.3090, 4.5090



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.



163.7720, 18.9780, 19.5060



204.7830, 29.6130, 30.5170



161.0360, 26.6820, 12.0420



90.6740, 4.0340, 3.9860



59.5390, 63.8560, 65.2320



12.2610, 12.9270, 13.5270

Inverse Universe

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



163.7720, 18.9780, 19.5060



204.7830, 29.6130, 30.5170



178.9640, -26.6820, -12.0420



90.6740, 4.0340, 3.9860



59.5390, 63.8560, 65.2320



12.2610, 12.9270, 13.5270

Previews

White Background



This preview shows how the YIQ color 163.7720, 18.9780, 19.5060 looks on a white background.

Color Contrast Check

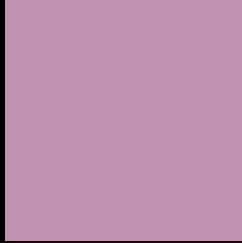
Large Text (above 18pt) WCAG AA × Fail

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 163.7720, 18.9780, 19.5060 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 163.7720, 18.9780, 19.5060

Background



This preview shows how black text looks on a background with the YIQ color 163.7720, 18.9780, 19.5060.



This preview shows how white text looks on a background with the YIQ color 163.7720, 18.9780,

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

163.7720, 18.9780, 19.5060

Protanopia

160.9530, -9.8130, 7.1390

Deuteranopia

162.2380, 2.5660, 8.5660



Tritanopia

163.1110, 22.0970, 12.5370

Trichromacy



Original Color

163.7720, 18.9780, 19.5060

Protanomaly

161.8620, 0.8690, 11.7890

Deuteranomaly

162.6950, 8.7090, 12.8770

Tritanomaly

163.5070, 21.0420, 15.1380

Monochromacy



Original Color

163.7720, 18.9780, 19.5060

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

163.6360, 7.1970, 7.2370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.7720, 18.9780, 19.5060 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(194, 146, 176)` looks like.

```
.text, #text, p{  
    color:rgb(194, 146, 176)  
}
```

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(194, 146, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 146, 176) }
```

Border

The CSS property to change the border of an element to YIQ 163.7720, 18.9780, 19.5060 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(194, 146, 176) }
```


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

```
.border{ border-color:rgb(194, 146, 176) }
```

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

Here you see how a box with a 4 pixel rgb(194, 146, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 146, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 146, 176);  
box-shadow:4px 4px 4px 4px rgb(194, 146,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 163.7720, 18.9780, 19.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 146, 176) }
```

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

```
.background{ background-color: rgb(194,  
146, 176) }
```

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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