

Converting Colors

YIQ(189.0920, 4.7720, -20.4120)

Have a look what the booklet for
YIQ(189.0920, 4.7720, -20.4120)
contains.

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Color

**YIQ(189.0920, 4.7720,
-20.4120)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C995
RGB	181, 201, 149
RGB Percent	71%, 79%, 58%
CMY	0.2903, 0.2117, 0.4156
CMYK	0.10, 0.00, 0.26, 0.21
HSL	83°, 33%, 69%
HSV	83°, 26%, 79%
XYZ	45.3659, 53.7688, 36.4275
YIQ	189.0920, 4.7720, -20.4120

Conversions

Conversions Part 2

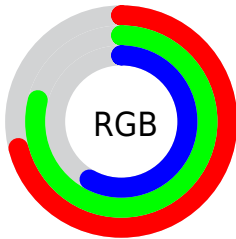
Format	Color
RYB	149, 201, 169
Decimal	11913621
CIELab	78.33, -15.83, 23.79
CIELCh	78, 28.576, 123.639
Yxy	53.7688, 0.3346, 0.3966
Android (android.graphics.Color)	4290103701 (0xFFB5C995)
YUV	189.0920, -19.7654, -7.0967
Hunter-Lab	73.3272, -17.8889, 21.8750

Details

The YIQ color **189.0920, 4.7720, -20.4120** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **160.9080, -4.7720, 20.4120**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **243.6900, 5.9640, -19.9880**, and **135.7330, 4.4050, -19.2670** is the 20% darker color. If you saturate the color by 10%, you get **184.4200, 6.4240, -28.3280**, and if you desaturate by 10%, it is **193.7640, 3.1200, -12.4960**.

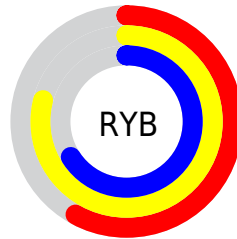
Distribution



Red (71%)

Green (79%)

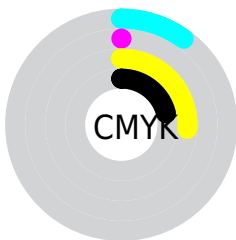
Blue (58%)



Red (58%)

Yellow (79%)

Blue (66%)

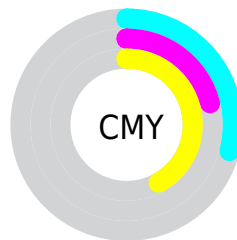


Cyan (10%)

Magenta (0%)

Yellow (26%)

Black (21%)



Cyan (29%)

Magenta (21%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.0920, 4.7720, -20.4120 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 189.0920, 4.7720, -20.4120 by changing the saturation by 10% instead.

■ 189.0920, 4.7720,
-20.4120

■ 189.0920, 4.7720,
-20.4120

255.0000, -0.0000,
-0.0000

■ 162.2060, 4.4510,
-20.1010

■ 243.6900, 5.9640,
-19.9880

■ 135.7330, 4.4050,
-19.2670

■ 252.3780, 7.3830,
-7.1530

■ 109.9610, 3.7630,
-18.6450

■ 85.4880, 3.7170,
-17.8110

■ 62.1890, 3.1210,
-18.0230

■ 39.4880, 3.7170,
-17.8110

■ 18.8170, -4.3990,

-13.8950

■ 0.0000, 0.0000,
0.0000

■ 189.0920, 4.7720,
-20.4120

■ 189.0920, 4.7720,
-20.4120

■ 184.4200, 6.4240,
-28.3280

■ 193.7640, 3.1200,
-12.4960

■ 179.7480, 8.0760,
-36.2440

■ 198.1370, 0.8720,
-4.7920

■ 175.3750, 10.3240,
-43.9480

■ 202.8090, -0.7800,
3.1240

■ 170.7030, 11.9760,
-51.8640

■ 207.4810, -2.4320,
11.0400

■ 166.0310, 13.6280,
-59.7800

■ 212.2670, -4.4050,
19.2670

■ 161.5440, 16.1970,
-67.7950

■ 214.9300, -1.8380,
22.3060

■ 156.8720, 17.8490,
-75.7110

■ 217.3220, 2.9300,
24.0020

■ 155.0630, 18.6290,
-78.8350

■ 219.7140, 7.6980,
25.6980

■ 222.1060, 12.4660,
27.3940

Harmonies

Analogous

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



192.1550, 26.8240, -12.5680



189.0920, 4.7720, -20.4120



185.3370, -20.9030, -23.1670

Triad

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



189.0920, 4.7720, -20.4120



185.8040, -55.1100, -3.4460



197.4660, 37.4550, 20.5510

Complementary

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



189.0920, 4.7720, -20.4120



160.9080, -4.7720, 20.4120

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.



198.4070, 18.7480, 23.6760



189.0920, 4.7720, -20.4120



191.8440, -34.2510, 9.5010

Square

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



189.0920, 4.7720, -20.4120



181.4900, -60.5180, -15.5740



196.7120, -7.1560, 19.5640



196.3770, 44.6550, 11.2070

Rectangle

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



189.0920, 4.7720, -20.4120



182.8820, -38.5550, -22.6430



196.7120, -7.1560, 19.5640



198.2960, 32.1820, 22.5020

Sweetspot

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



189.0920, 4.7720, -20.4120



250.3280, 1.6520, -7.9160



176.2880, 25.4920, 0.5640



125.0230, 1.1930, -5.1030



0.0000, 0.0000, 0.0000



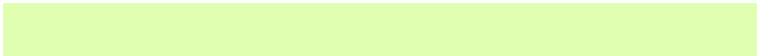
128.0000, -0.0000, -0.0000

Same Dimension

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



189.0920, 4.7720, -20.4120



237.0240, 7.4790, -30.9290



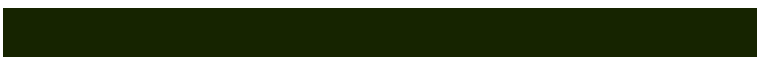
181.3180, -10.7240, -25.9240



97.0770, 1.1010, -3.4350



125.5810, 14.7750, -64.0490



27.7100, 3.2120, -14.1640

Inverse Universe

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



160.9080, -4.7720, 20.4120



193.9760, -7.4790, 30.9290



168.6820, 10.7240, 25.9240



91.9230, -1.1010, 3.4350



37.4190, -14.7750, 64.0490



8.2900, -3.2120, 14.1640

Previews

White Background



This preview shows how the YIQ color 189.0920, 4.7720, -20.4120 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 189.0920, 4.7720, -20.4120 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

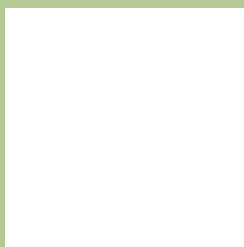
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 189.0920, 4.7720, -20.4120

Background



This preview shows how black text looks on a background with the YIQ color 189.0920, 4.7720, -20.4120.



This preview shows how white text looks on a background with the YIQ color 189.0920, 4.7720,

-20.4120.

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

189.0920, 4.7720, -20.4120

Protanopia

191.7140, 23.7520, -11.9600

Deuteranopia

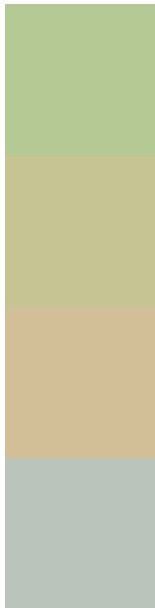
194.0840, 34.7540, -2.0940



Tritanopia

193.5140, -7.1990, 3.8170

Trichromacy



Original Color

189.0920, 4.7720, -20.4120

Protanomaly

190.8980, 17.2420, -15.1260

Deuteranomaly

192.1210, 24.1640, -8.4120

Tritanomaly

191.9840, -3.0710, -4.9190

Monochromacy



Original Color

189.0920, 4.7720, -20.4120

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.7410, 1.9270, -7.3930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.0920, 4.7720, -20.4120 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(181, 201, 149)` looks like.

```
.text, #text, p{  
    color:rgb(181, 201, 149)  
}
```

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(181, 201, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 201, 149) }
```

Border

The CSS property to change the border of an element to YIQ 189.0920, 4.7720, -20.4120 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(181, 201, 149) }
```


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

```
.border{ border-color:rgb(181, 201, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 201, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 201, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 201, 149);  
box-shadow:4px 4px 4px 4px rgb(181, 201,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 189.0920, 4.7720, -20.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 201, 149) }
```

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

```
.background{ background-color: rgb(181,  
201, 149) }
```

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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