

Converting Colors

YIQ(179.7890, 19.1670,
-11.4650)

Have a look what the booklet for
YIQ(179.7890, 19.1670, -11.4650)
contains.

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Color

**YIQ(179.7890, 19.1670,
-11.4650)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB68B
RGB	191, 182, 139
RGB Percent	75%, 71%, 55%
CMY	0.2510, 0.2863, 0.4548
CMYK	0.00, 0.05, 0.27, 0.25
HSL	50°, 29%, 65%
HSV	50°, 27%, 75%
XYZ	42.8749, 46.3954, 31.1322
YIQ	179.7890, 19.1670, -11.4650

Conversions

Conversions Part 2

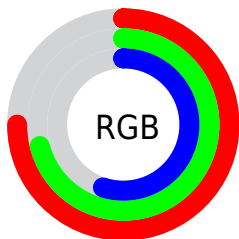
Format	Color
RYB	150, 191, 139
Decimal	12564107
CIELab	73.80, -3.61, 23.07
CIELCh	74, 23.352, 98.894
Yxy	46.3954, 0.3561, 0.3853
Android (android.graphics.Color)	4290754187 (0xFFBFB68B)
YUV	179.7890, -20.1090, 9.8320
Hunter-Lab	68.1142, -6.8418, 20.5808

Details

The YIQ color $179.7890, 19.1670, -11.4650$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $150.2110, -19.1670, 11.4650$, and the grayscale version is $180.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $235.8600, 20.4050, -11.8750$, and $126.8320, 17.6080, -10.7440$ is the 20% darker color. If you saturate the color by 10%, you get $175.8620, 26.0910, -15.8050$, and if you desaturate by 10%, it is $183.7160, 12.2430, -7.1250$.

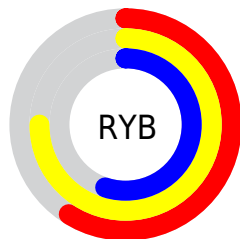
Distribution



Red (75%)

Green (71%)

Blue (55%)



Red (59%)

Yellow (75%)

Blue (55%)

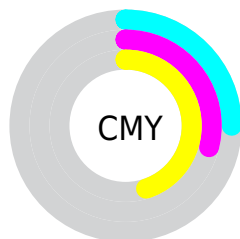


Cyan (0%)

Magenta (5%)

Yellow (27%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.7890, 19.1670, -11.4650 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 179.7890, 19.1670, -11.4650 by changing the saturation by 10% instead.

■ 179.7890, 19.1670,
-11.4650

■ 179.7890, 19.1670,
-11.4650

255.0000, -0.0000,
-0.0000

■ 152.9030, 18.8460,
-11.1540

■ 235.8600, 20.4050,
-11.8750

■ 126.8320, 17.6080,
-10.7440

■ 251.1240, 10.9140,
-10.5740

■ 101.6470, 16.6910,
-10.6450

■ 254.3160, 1.9260,
-1.8660

■ 77.4620, 15.7740,
-10.5460

■ 54.3910, 14.5360,
-10.1360

■ 33.0920, 13.9400,
-10.3480

■ 12.3930, 3.0270,

-5.3010

■ 0.0000, 0.0000,
0.0000

■ 179.7890, 19.1670,
-11.4650

■ 179.7890, 19.1670,
-11.4650

■ 175.8620, 26.0910,
-15.8050

■ 183.7160, 12.2430,
-7.1250

■ 171.3480, 33.2900,
-19.6220

■ 188.2300, 5.0440,
-3.3080

■ 167.4210, 40.2140,
-23.9620

■ 192.1570, -1.8800,
1.0320

■ 163.4940, 47.1380,
-28.3020

■ 196.0840, -8.8040,
5.3720

■ 158.9800, 54.3370,
-32.1190

■ 200.7120,
-16.3240, 9.5000

■ 154.9390, 61.5820,
-36.7700

■ 204.6390,
-23.2480, 13.8400

■ 151.0120, 68.5060,
-41.1100

■ 206.5140,
-24.3940, 12.5820

■ 149.8550, 70.3860,
-42.1420

■ 208.2750,
-25.2190, 11.0130

■ 210.6230,
-26.3190, 8.9210

Harmonies

Analogous

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



182.0020, 32.0490, -2.6310



179.7890, 19.1670, -11.4650



177.1610, 0.3240, -16.8920

Triad

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



179.7890, 19.1670, -11.4650



172.7800, -46.5350, -10.1750



185.0600, 18.1070, 18.7710

Complementary

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



179.7890, 19.1670, -11.4650



150.2110, -19.1670, 11.4650

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.



184.3550, -1.8370, 16.7790



179.7890, 19.1670, -11.4650



176.5130, -40.9890, -0.5490

Square

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



179.7890, 19.1670, -11.4650



172.5710, -38.8770, -16.8050



181.0040, -23.0180, 9.6700



184.7810, 31.9540, 15.6180

Rectangle

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



179.7890, 19.1670, -11.4650



175.3920, -13.5680, -18.4320



181.0040, -23.0180, 9.6700



185.2380, 11.7340, 18.6300

Sweetspot

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



179.7890, 19.1670, -11.4650



243.0730, 6.9240, -4.3400



155.6880, 27.7820, 14.1340



122.3440, 4.7230, -2.9970



252.0000, 0.0000, 0.0000



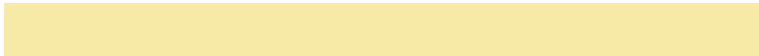
125.0000, 0.0000, 0.0000

Same Dimension

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



179.7890, 19.1670, -11.4650



229.5480, 29.8510, -17.8690



180.2880, 7.1560, -19.5640



92.3870, 3.1640, -2.2760



124.1390, 58.1430, -35.0170



23.9440, 11.6010, -6.5030

Inverse Universe

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



150.2110, -19.1670, 11.4650



183.4520, -29.8510, 17.8690



149.7120, -7.1560, 19.5640



87.2000, -3.4390, 1.7530



33.8610, -58.1430, 35.0170



6.4690, -11.3260, 7.0260

Previews

White Background



This preview shows how the YIQ color 179.7890, 19.1670, -11.4650 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 179.7890, 19.1670, -11.4650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

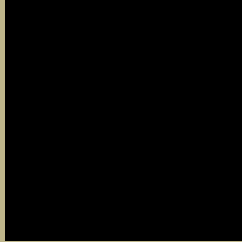
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.7890, 19.1670, -11.4650

Background



This preview shows how black text looks on a background with the YIQ color 179.7890, 19.1670, -11.4650.



This preview shows how white text looks on a background with the YIQ color 179.7890, 19.1670, -11.4650.

-11.4650.

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

179.7890, 19.1670, -11.4650

Protanopia

180.0990, 21.2300, -10.3060

Deuteranopia

181.6000, 33.2410, -2.2070



Tritanopia

183.1740, 8.6180, 9.0180

Trichromacy



Original Color

179.7890, 19.1670, -11.4650

Protanomaly

179.8000, 20.6340, -10.5180

Deuteranomaly

180.8550, 27.9690, -5.7830

Tritanomaly

182.2850, 12.3790, 1.4270

Monochromacy



Original Color

179.7890, 19.1670, -11.4650

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.0730, 6.9240, -4.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.7890, 19.1670, -11.4650 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(191, 182, 139)` looks like.

```
.text, #text, p{  
    color:rgb(191, 182, 139)  
}
```

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(191, 182, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 182, 139) }
```

Border

The CSS property to change the border of an element to YIQ 179.7890, 19.1670, -11.4650 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(191, 182, 139) }
```


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

```
.border{ border-color:rgb(191, 182, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 182, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 182, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 182, 139);  
box-shadow:4px 4px 4px 4px rgb(191, 182,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 179.7890, 19.1670, -11.4650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 182, 139) }
```

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

```
.background{ background-color: rgb(191,  
182, 139) }
```

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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