

Converting Colors

YIQ(178.1890, 20.3160,
-26.7880)

Have a look what the booklet for
YIQ(178.1890, 20.3160, -26.7880)
contains.

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Color

**YIQ(178.1890, 20.3160,
-26.7880)**

Conversions

Conversions Part 1

Format	Color
Hex	B5BE6E
RGB	181, 190, 110
RGB Percent	71%, 75%, 43%
CMY	0.2903, 0.2549, 0.5685
CMYK	0.05, 0.00, 0.42, 0.25
HSL	67°, 38%, 59%
HSV	67°, 42%, 75%
XYZ	40.2825, 47.7766, 21.8609
YIQ	178.1890, 20.3160, -26.7880

Conversions

Conversions Part 2

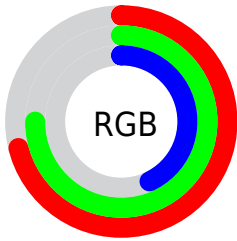
Format	Color
RYB	110, 190, 119
Decimal	11910766
CIELab	74.68, -15.30, 39.24
CIELCh	75, 42.119, 111.306
Yxy	47.7766, 0.3665, 0.4346
Android (android.graphics.Color)	4290100846 (0xFFB5BE6E)
YUV	178.1890, -33.6172, 2.4652
Hunter-Lab	69.1206, -16.9339, 29.6327

Details

The YIQ color $178.1890, 20.3160, -26.7880$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $121.8110, -20.3160, 26.7880$, and the grayscale version is $179.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $234.1460, 21.8750, -27.5090$, and $125.2320, 18.7570, -26.0670$ is the 20% darker color. If you saturate the color by 10%, you get $175.4250, 25.2230, -33.1210$, and if you desaturate by 10%, it is $180.9530, 15.4090, -20.4550$.

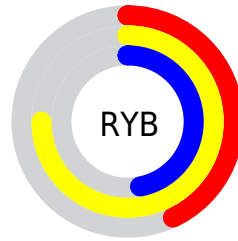
Distribution



Red (71%)

Green (75%)

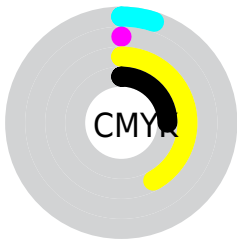
Blue (43%)



Red (43%)

Yellow (75%)

Blue (47%)

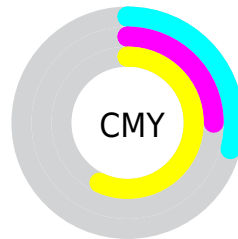


Cyan (5%)

Magenta (0%)

Yellow (42%)

Black (25%)



Cyan (29%)

Magenta (25%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.1890, 20.3160, -26.7880 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 178.1890, 20.3160, -26.7880 by changing the saturation by 10% instead.

■ 178.1890, 20.3160,
-26.7880

■ 178.1890, 20.3160,
-26.7880

■ 255.0000, -0.0000,
-0.0000

■ 151.1180, 19.0780,
-26.3780

■ 234.1460, 21.8750,
-27.5090

■ 125.2320, 18.7570,
-26.0670

■ 247.5900, 20.8650,
-20.2150

■ 99.4600, 18.1150,
-25.4450

■ 250.8960, 11.5560,
-11.1960

■ 74.5200, 17.8860,
-26.8020

■ 254.0880, 2.5680,
-2.4880

■ 52.8170, 12.7960,
-22.6600

■ 32.7270, 4.5420,
-16.2420

■ 13.5010, -6.3250,

-12.0290

■ 0.0000, 0.0000,
0.0000

■ 178.1890, 20.3160,
-26.7880

■ 178.1890, 20.3160,
-26.7880

■ 175.4250, 25.2230,
-33.1210

■ 180.9530, 15.4090,
-20.4550

■ 172.6610, 30.1300,
-39.4540

■ 183.7170, 10.5020,
-14.1220

■ 169.8970, 35.0370,
-45.7870

■ 186.4810, 5.5950,
-7.7890

■ 166.8340, 39.3480,
-52.3320

■ 189.5440, 1.2840,
-1.2440

■ 164.0700, 44.2550,
-58.6650

■ 192.3080, -3.6230,
5.0890

■ 162.0610, 48.4740,
-63.5420

■ 195.0720, -8.5300,
11.4220

■ 197.8360,
-13.4370, 17.7550

■ 199.8020,
-16.0970, 21.9110

■ 200.4000,
-14.9050, 22.3350

Harmonies

Analogous

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



182.1650, 47.2270, -13.3890



178.1890, 20.3160, -26.7880



172.7530, -16.6830, -33.5710

Triad

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



178.1890, 20.3160, -26.7880



145.1020, -133.0030, -29.0270



187.9050, 44.0090, 33.9370

Complementary

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



178.1890, 20.3160, -26.7880



121.8110, -20.3160, 26.7880

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.



189.2080, 12.4190, 33.7550



178.1890, 20.3160, -26.7880



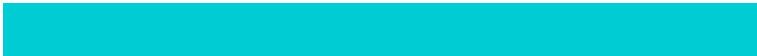
172.2830, -72.3960, 1.4600

Square

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



178.1890, 20.3160, -26.7880



143.8020, -123.8310, -41.0710



184.6850, -28.8890, 22.4630



185.2420, 58.6370, 22.1330

Rectangle

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



178.1890, 20.3160, -26.7880



167.6710, -45.7510, -35.4070



184.6850, -28.8890, 22.4630



189.0550, 34.8390, 34.9270

Sweetspot

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



178.1890, 20.3160, -26.7880



242.4550, 8.4840, -10.5880



138.6160, 45.4800, 12.7760



122.1220, 5.2280, -6.6440



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.



178.1890, 20.3160, -26.7880



228.4500, 32.1020, -42.1540



166.5280, -2.9280, -35.0560



92.6750, 2.2930, -3.0110



134.6060, 39.9900, -52.9540



26.2700, 7.5670, -10.4890

Inverse Universe

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



121.8110, -20.3160, 26.7880



139.5500, -32.1020, 42.1540



133.4720, 2.9280, 35.0560



86.3250, -2.2930, 3.0110



23.3940, -39.9900, 52.9540



4.4310, -8.1630, 10.2770

Previews

White Background



This preview shows how the YIQ color 178.1890, 20.3160, -26.7880 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 178.1890, 20.3160, -26.7880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

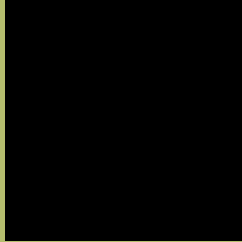
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.1890, 20.3160, -26.7880

Background



This preview shows how black text looks on a background with the YIQ color 178.1890, 20.3160, -26.7880.



This preview shows how white text looks on a background with the YIQ color 178.1890, 20.3160,

-26.7880.

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

178.1890, 20.3160, -26.7880

Protanopia

180.4190, 34.5280, -20.0320

Deuteranopia

181.9850, 47.9140, -9.3180



Tritanopia

184.8850, 2.0620, 6.6860

Trichromacy



Original Color

178.1890, 20.3160, -26.7880

Protanomaly

179.6140, 29.4850, -22.2510

Deuteranomaly

180.3210, 37.9200, -15.4240

Tritanomaly

182.5030, 8.5290, -5.8950

Monochromacy



Original Color

178.1890, 20.3160, -26.7880

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

177.7970, 7.5210, -9.6550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.1890, 20.3160, -26.7880 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, 190, 110)` looks like.

```
.text, #text, p{  
    color:rgb(181, 190, 110)  
}
```

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, 190, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 190, 110) }
```

Border

The CSS property to change the border of an element to YIQ 178.1890, 20.3160, -26.7880 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, 190, 110) }
```


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

```
.border{ border-color:rgb(181, 190, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 190, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 190, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 190, 110);  
box-shadow:4px 4px 4px 4px rgb(181, 190,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 178.1890, 20.3160, -26.7880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 190, 110) }
```

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

```
.background{ background-color: rgb(181,  
190, 110) }
```

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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