

Converting Colors

YIQ(26.8110, 4.9060, -0.8060)

Have a look what the booklet for
YIQ(26.8110, 4.9060, -0.8060)
contains.

YIQ(26.8110, 4.9060, -0.8060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(26.8110, 4.9060,
-0.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	1F1A14
RGB	31, 26, 20
RGB Percent	12%, 10%, 8%
CMY	0.8784, 0.8980, 0.9215
CMYK	0.00, 0.16, 0.35, 0.88
HSL	33°, 22%, 10%
HSV	33°, 35%, 12%
XYZ	1.0608, 1.0806, 0.8148
YIQ	26.8110, 4.9060, -0.8060

Conversions

Conversions Part 2

Format	Color
RYB	29, 31, 20
Decimal	2038292
CIELab	9.65, 1.20, 4.98
CIELCh	10, 5.118, 76.460
Yxy	1.0806, 0.3588, 0.3655
Android (android.graphics.Color)	4280228372 (0xFF1F1A14)
YUV	26.8110, -3.3578, 3.6738
Hunter-Lab	10.3950, 0.0246, 2.6293

Details

The YIQ color **26.8110, 4.9060, -0.8060** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **24.1890, -4.9060, 0.8060**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **69.9960, 5.8230, -0.9050**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.8820, 6.1440, -1.2160**, and if you desaturate by 10%, it is **27.7400, 3.6680, -0.3960**.

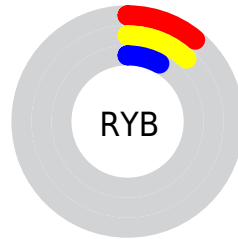
Distribution



Red (12%)

Green (10%)

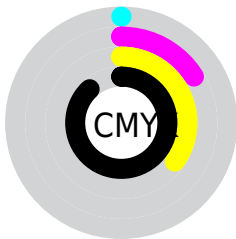
Blue (8%)



Red (11%)

Yellow (12%)

Blue (8%)

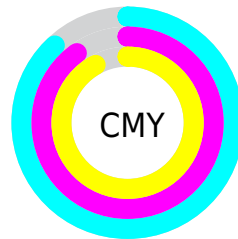


Cyan (0%)

Magenta (16%)

Yellow (35%)

Black (88%)



Cyan (88%)

Magenta (90%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 26.8110, 4.9060, -0.8060 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 26.8110, 4.9060, -0.8060 by changing the saturation by 10% instead.

■ 26.8110, 4.9060,
-0.8060

■ 26.8110, 4.9060,
-0.8060

■ 252.5720, 4.0810,
-2.3750

■ 0.0000, 0.0000,
0.0000

■ 69.9960, 5.8230,
-0.9050

■ 93.2950, 6.4190,
-0.6930

■ 118.2950, 6.4190,
-0.6930

■ 144.1810, 6.7400,
-1.0040

■ 170.1810, 6.7400,
-1.0040

■ 197.4800, 7.3360,

-0.7920

■ 225.4800, 7.3360,
-0.7920

■ 26.8110, 4.9060,
-0.8060

■ 26.8110, 4.9060,
-0.8060

■ 25.8820, 6.1440,
-1.2160

■ 27.7400, 3.6680,
-0.3960

■ 24.3660, 7.6570,
-1.1030

■ 29.2560, 2.1550,
-0.5090

■ 23.4370, 8.8950,
-1.5130

■ 30.1850, 0.9170,
-0.0990

■ 21.9210, 10.4080,
-1.4000

■ 31.7010, -0.5960,
-0.2120

■ 20.9920, 11.6460,
-1.8100

■ 32.7440, -2.1550,
0.5090

■ 19.9490, 13.2050,
-2.5310

■ 33.6730, -3.3930,
0.9190

■ 19.2480, 13.8010,
-2.3190

■ 35.1890, -4.9060,
0.8060

■ 36.1180, -6.1440,
1.2160

■ 37.6340, -7.6570,
1.1030

Harmonies

Analogous

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



27.0500, 5.7310, 0.7630



26.8110, 4.9060, -0.8060



26.5010, 2.8430, -1.9650

Triad

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



26.8110, 4.9060, -0.8060



25.7110, -6.5560, -2.3320



27.2930, 0.7330, 3.2370

Complementary

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



26.8110, 4.9060, -0.8060



24.1890, -4.9060, 0.8060

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.



26.4990, -2.8430, 1.9650



26.8110, 4.9060, -0.8060



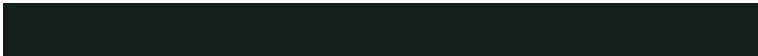
25.4660, -7.2440, -0.8760

Square

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



26.8110, 4.9060, -0.8060



25.8530, -4.0800, -3.1520



26.4770, -5.7770, 0.0710



27.7340, 3.8050, 2.6290

Rectangle

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



26.8110, 4.9060, -0.8060



26.3050, 0.4590, -2.8130



26.4770, -5.7770, 0.0710



27.2820, -0.7340, 2.2900

Sweetspot

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



26.8110, 4.9060, -0.8060



39.2560, 2.1550, -0.5090



23.8590, 4.9510, 3.8870



19.1850, 0.9170, -0.0990



148.0000, -0.0000, 0.0000



20.0000, 0.0000, -0.0000

Same Dimension

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



26.8110, 4.9060, -0.8060



34.2520, 7.9780, -1.4140



29.7460, 3.5310, -3.4210



14.8860, 0.3210, -0.3110



48.8620, 35.2590, -5.7410



128.2240, 92.2970, -15.2150

Inverse Universe

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



24.1890, -4.9060, 0.8060



29.7480, -7.9780, 1.4140



21.2540, -3.5310, 3.4210



14.1140, -0.3210, 0.3110



30.1380, -35.2590, 5.7410



78.7760, -92.2970, 15.2150

Previews

White Background



This preview shows how the YIQ color 26.8110, 4.9060, -0.8060 looks on a white background.

Color Contrast Check

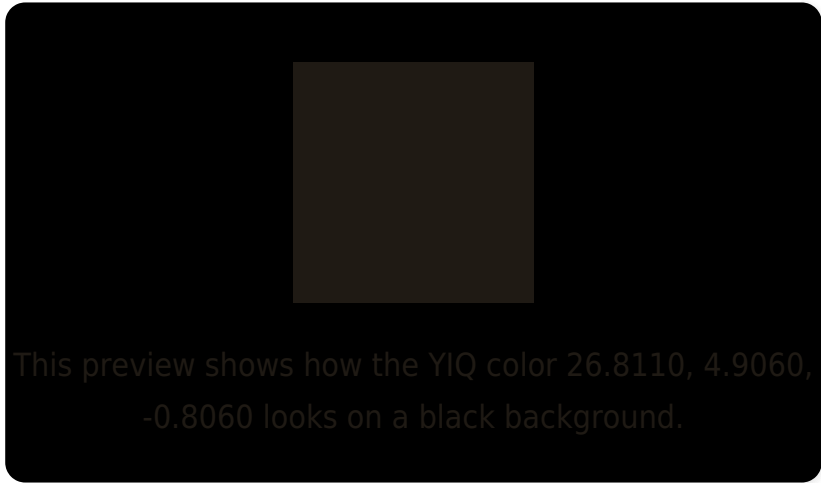
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

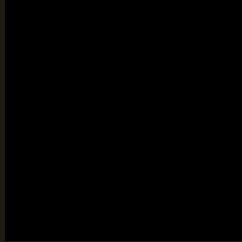
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 26.8110, 4.9060, -0.8060

Background



This preview shows how black text looks on a background with the YIQ color 26.8110, 4.9060, -0.8060.



This preview shows how white text looks on a background with the YIQ color 26.8110, 4.9060,

-0.8060.

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

26.8110, 4.9060, -0.8060

Protanopia

26.8000, 3.4390, -1.7530

Deuteranopia

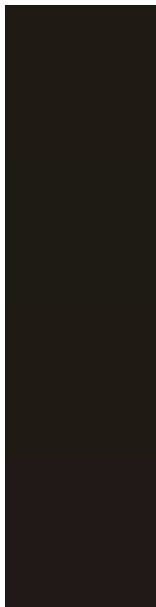
27.1100, 5.5020, -0.5940



Tritanopia

27.3210, 3.5300, 2.1060

Trichromacy



Original Color

26.8110, 4.9060, -0.8060

Protanomaly

27.0990, 4.0350, -1.5410

Deuteranomaly

27.1100, 5.5020, -0.5940

Tritanomaly

26.9790, 4.4930, 1.1730

Monochromacy



Original Color

26.8110, 4.9060, -0.8060

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

26.9570, 1.5590, -0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 26.8110, 4.9060, -0.8060 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(31, 26, 20)` looks like.

```
.text, #text, p{  
    color:rgb(31, 26, 20)  
}
```

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(31, 26, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 26, 20) }
```

Border

The CSS property to change the border of an element to YIQ 26.8110, 4.9060, -0.8060 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(31, 26, 20) }
```


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

```
.border{ border-color:rgb(31, 26, 20) }
```

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

Here you see how a box with a 4 pixel rgb(31, 26, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 26, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 26, 20);  
box-shadow:4px 4px 4px 4px rgb(31, 26, 20)  
}
```

Background

The CSS property to change the background color of an element to YIQ 26.8110, 4.9060, -0.8060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 26, 20) }
```

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

```
.background{ background-color: rgb(31, 26,  
20) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor