

Converting Colors

YIQ(189.7780, 26.8680, -2.3480)

Have a look what the booklet for
YIQ(189.7780, 26.8680, -2.3480)
contains.

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Color

**YIQ(189.7780, 26.8680,
-2.3480)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B89C
RGB	214, 184, 156
RGB Percent	84%, 72%, 61%
CMY	0.1607, 0.2785, 0.3881
CMYK	0.00, 0.14, 0.27, 0.16
HSL	29°, 41%, 73%
HSV	29°, 27%, 84%
XYZ	50.8769, 50.9753, 38.6247
YIQ	189.7780, 26.8680, -2.3480

Conversions

Conversions Part 2

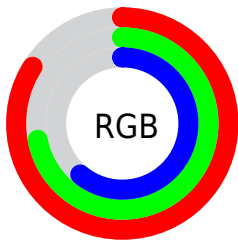
Format	Color
RYB	214, 210, 156
Decimal	14071964
CIELab	76.66, 6.56, 18.19
CIELCh	77, 19.333, 70.167
Yxy	50.9753, 0.3622, 0.3629
Android (android.graphics.Color)	4292262044 (0xFFD6B89C)
YUV	189.7780, -16.6526, 21.2427
Hunter-Lab	71.3970, 2.2529, 17.9029

Details

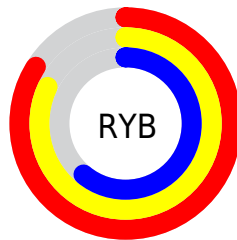
The YIQ color $189.7780, 26.8680, -2.3480$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $180.2220, -26.8680, 2.3480$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $241.1790, 18.2490, -5.8390$, and $136.4080, 25.0340, -2.1500$ is the 20% darker color. If you saturate the color by 10%, you get $180.9270, 36.6340, -3.1260$, and if you desaturate by 10%, it is $198.6290, 17.1020, -1.5700$.

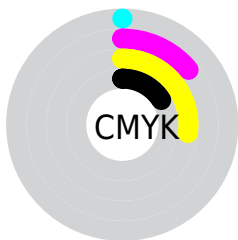
Distribution



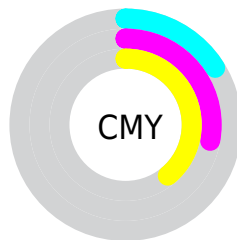
- Red (84%)
- Green (72%)
- Blue (61%)



- Red (84%)
- Yellow (82%)
- Blue (61%)



- Cyan (0%)
- Magenta (14%)
- Yellow (27%)
- Black (16%)



- Cyan (16%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.7780, 26.8680, -2.3480 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 189.7780, 26.8680, -2.3480 by changing the saturation by 10% instead.

■ 189.7780, 26.8680,
-2.3480

■ 189.7780, 26.8680,
-2.3480

■ 255.0000, -0.0000,
-0.0000

■ 162.5930, 25.9510,
-2.2490

■ 241.1790, 18.2490,
-5.8390

■ 136.4080, 25.0340,
-2.1500

■ 253.1760, 5.1360,
-4.9760

■ 110.8100, 23.8420,
-2.5740

■ 86.3260, 22.3290,
-2.6870

■ 62.8420, 20.8160,
-2.8000

■ 40.4720, 18.9820,
-2.6020

■ 20.4440, 16.1850,

-1.4710

■ 0.0000, 0.0000,
0.0000

■ 189.7780, 26.8680,
-2.3480

■ 189.7780, 26.8680,
-2.3480

■ 180.9270, 36.6340,
-3.1260

■ 198.6290, 17.1020,
-1.5700

■ 171.9620, 46.7210,
-4.2150

■ 207.5940, 7.0150,
-0.4810

■ 163.1110, 56.4870,
-4.9930

■ 216.4450, -2.7510,
0.2970

■ 154.1460, 66.5740,
-6.0820

■ 225.4100,
-12.8380, 1.3860

■ 145.2950, 76.3400,
-6.8600

■ 233.3490,
-20.0360, -0.3240

■ 136.4440, 86.1060,
-7.6380

■ 239.8060,
-23.0610, -6.0770

■ 126.8920, 96.4680,
-8.2040

■ 242.7410,
-24.4360, -8.6920

■ 124.4470, 99.2190,
-8.5010

Harmonies

Analogous

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



191.3860, 31.2680, 6.0200



189.7780, 26.8680, -2.3480



187.9890, 15.7280, -9.7120

Triad

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



189.7780, 26.8680, -2.3480



182.6860, -31.7710, -13.4270



191.9590, -0.7820, 14.1780

Complementary

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



189.7780, 26.8680, -2.3480



180.2220, -26.8680, 2.3480

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.



189.4020, -18.3870, 8.3410



189.7780, 26.8680, -2.3480



182.8520, -37.8700, -7.5180

Square

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



189.7780, 26.8680, -2.3480



183.8200, -17.6490, -16.0570



185.5310, -32.2320, 0.4400



192.6960, 16.1360, 15.9440

Rectangle

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



189.7780, 26.8680, -2.3480



186.6070, 5.0000, -13.5280



185.5310, -32.2320, 0.4400



191.3820, -6.4670, 12.5810

Sweetspot

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



189.7780, 26.8680, -2.3480



246.2630, 9.4450, -0.4670



176.8760, 24.6170, 21.9370



122.4090, 6.0980, -0.3820



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.



189.7780, 26.8680, -2.3480



219.5960, 39.0640, -3.1120



206.2140, 19.1680, -16.9920



102.8110, 4.9060, -0.8060



99.2630, 79.3660, -6.6340



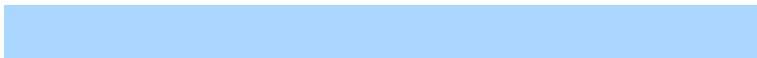
25.1840, 19.8530, -1.8670

Inverse Universe

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



180.2220, -26.8680, 2.3480



205.8170, -38.7890, 3.6350



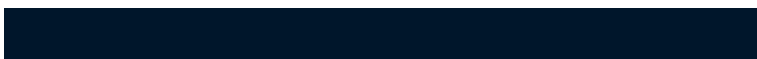
163.7860, -19.1680, 16.9920



100.7760, -5.1810, 0.2830



71.1500, -79.0910, 7.1570



17.8160, -19.8530, 1.8670

Previews

White Background



This preview shows how the YIQ color 189.7780, 26.8680, -2.3480 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 189.7780, 26.8680, -2.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

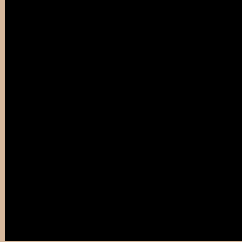
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.7780, 26.8680, -2.3480

Background



This preview shows how black text looks on a background with the YIQ color 189.7780, 26.8680, -2.3480.



This preview shows how white text looks on a background with the YIQ color 189.7780, 26.8680,

-2.3480.

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

189.7780, 26.8680, -2.3480

Protanopia

188.7550, 16.5070, -7.3090

Deuteranopia

190.0990, 30.3980, -0.2420



Tritanopia

192.2570, 18.7500, 12.6220

Trichromacy



Original Color

189.7780, 26.8680, -2.3480

Protanomaly

188.9620, 20.3580, -5.5140

Deuteranomaly

190.0880, 28.9310, -1.1890

Tritanomaly

191.6500, 21.7770, 7.3210

Monochromacy



Original Color

189.7780, 26.8680, -2.3480

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.1490, 9.7660, -0.7780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.7780, 26.8680, -2.3480 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(214, 184, 156)` looks like.

```
.text, #text, p{  
    color:rgb(214, 184, 156)  
}
```

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(214, 184, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 184, 156) }
```

Border

The CSS property to change the border of an element to YIQ 189.7780, 26.8680, -2.3480 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(214, 184, 156) }
```


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

```
.border{ border-color:rgb(214, 184, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 184, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 184, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 184, 156);  
box-shadow:4px 4px 4px 4px rgb(214, 184,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 189.7780, 26.8680, -2.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 184, 156) }
```

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

```
.background{ background-color: rgb(214,  
184, 156) }
```

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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