

Converting Colors

YIQ(181.8980, 26.4100, -5.0620)

Have a look what the booklet for
YIQ(181.8980, 26.4100, -5.0620)
contains.

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Color

**YIQ(181.8980, 26.4100,
-5.0620)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB290
RGB	204, 178, 144
RGB Percent	80%, 70%, 56%
CMY	0.2000, 0.3020, 0.4352
CMYK	0.00, 0.13, 0.29, 0.20
HSL	34°, 37%, 68%
HSV	34°, 29%, 80%
XYZ	45.8595, 46.6899, 32.9940
YIQ	181.8980, 26.4100, -5.0620

Conversions

Conversions Part 2

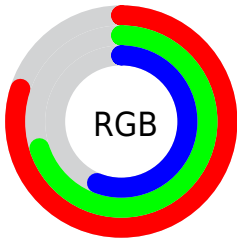
Format	Color
R _Y B	190, 204, 144
Decimal	13415056
CIE Lab	73.99, 4.27, 20.82
CIE LCh	74, 21.256, 78.408
Yxy	46.6899, 0.3653, 0.3719
Android (android.graphics.Color)	4291605136 (0xFFCCB290)
YUV	181.8980, -18.6837, 19.3835
Hunter-Lab	68.3300, 0.2223, 19.2021

Details

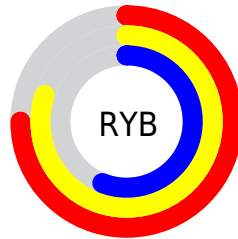
The YIQ color **181.8980, 26.4100, -5.0620** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **166.1020, -26.4100, 5.0620**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.1750, 24.0720, -6.7440**, and **128.5280, 24.5760, -4.8640** is the 20% darker color. If you saturate the color by 10%, you get **174.3350, 35.3050, -6.5750**, and if you desaturate by 10%, it is **189.4610, 17.5150, -3.5490**.

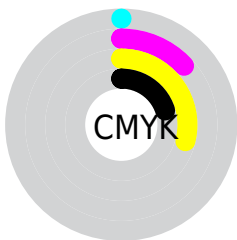
Distribution



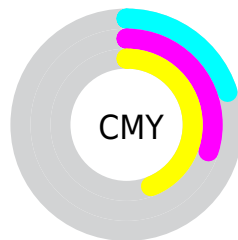
- Red (80%)
- Green (70%)
- Blue (56%)



- Red (75%)
- Yellow (80%)
- Blue (56%)



- Cyan (0%)
- Magenta (13%)
- Yellow (29%)
- Black (20%)



- Cyan (20%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.8980, 26.4100, -5.0620 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 181.8980, 26.4100, -5.0620 by changing the saturation by 10% instead.

■ 181.8980, 26.4100,
-5.0620

■ 181.8980, 26.4100,
-5.0620

255.0000, -0.0000,
-0.0000

■ 154.7130, 25.4930,
-4.9630

■ 236.1750, 24.0720,
-6.7440

■ 128.5280, 24.5760,
-4.8640

■ 251.6940, 9.3090,
-9.0190

■ 104.0440, 23.0630,
-4.9770

■ 79.5600, 21.5500,
-5.0900

■ 56.0760, 20.0370,
-5.2030

■ 34.0220, 20.1290,
-6.8710

■ 14.2310, 12.4710,

-0.2410

0.0000, 0.0000,
0.0000

181.8980, 26.4100,
-5.0620

181.8980, 26.4100,
-5.0620

174.3350, 35.3050,
-6.5750

189.4610, 17.5150,
-3.5490

166.6580, 44.5210,
-8.3990

197.1380, 8.2990,
-1.7250

159.0950, 53.4160,
-9.9120

204.7010, -0.5960,
-0.2120

152.0050, 62.3570,
-12.2590

211.7910, -9.5370,
2.1350

144.4420, 71.2520,
-13.7720

219.3540,
-18.4320, 3.6480

■ 136.8790, 80.1470,
-15.2850

■ 225.6630,
-23.7960, 1.7400

■ 129.2020, 89.3630,
-17.1090

■ 230.9460,
-26.2710, -2.9670

■ 129.0880, 89.6840,
-17.4200

■ 236.2290,
-28.7460, -7.6740

■ 239.7510,
-30.3960, -10.8120

Harmonies

Analogous

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



183.5880, 33.5150, 3.8430



181.8980, 26.4100, -5.0620



179.5540, 12.5190, -12.1290

Triad

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



181.8980, 26.4100, -5.0620



173.8640, -38.1440, -13.5680



185.0630, 4.8570, 16.6090

Complementary

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



181.8980, 26.4100, -5.0620



166.1020, -26.4100, 5.0620

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.



182.3640, -15.2240, 11.5920



181.8980, 26.4100, -5.0620



175.5250, -41.2630, -6.5990

Square

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



181.8980, 26.4100, -5.0620



175.1720, -24.5720, -17.2440



179.1120, -32.3700, 2.9420



185.4470, 21.2710, 16.4950

Rectangle

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



181.8980, 26.4100, -5.0620



178.1010, 0.5530, -15.5350



179.1120, -32.3700, 2.9420



184.3010, -1.7450, 15.1110

Sweetspot

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



181.8980, 26.4100, -5.0620



246.5080, 10.1330, -1.9230



165.0180, 27.0930, 21.1170



122.1810, 6.7400, -1.0040



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.



181.8980, 26.4100, -5.0620



221.9610, 39.2940, -7.2820



196.2630, 17.4720, -19.2960



98.5120, 4.3100, -1.0180



104.8120, 73.0860, -13.9700



24.2760, 16.5980, -3.4500

Inverse Universe

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



166.1020, -26.4100, 5.0620



198.4520, -39.0190, 7.8050



151.7370, -17.4720, 19.2960



95.4880, -4.3100, 1.0180



61.1880, -73.0860, 13.9700



14.3110, -16.8730, 2.9270

Previews

White Background



This preview shows how the YIQ color 181.8980, 26.4100, -5.0620 looks on a white background.

Color Contrast Check

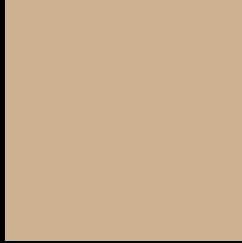
Large Text (above 18pt) WCAG AA × Fail

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 181.8980, 26.4100, -5.0620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

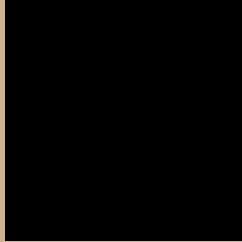
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.8980, 26.4100, -5.0620

Background



This preview shows how black text looks on a background with the YIQ color 181.8980, 26.4100, -5.0620.



This preview shows how white text looks on a background with the YIQ color 181.8980, 26.4100,

-5.0620.

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

181.8980, 26.4100, -5.0620

Protanopia

181.1850, 18.1120, -8.8640

Deuteranopia

182.6430, 31.6820, -1.4860



Tritanopia

184.6590, 17.5580, 12.1980

Trichromacy



Original Color

181.8980, 26.4100, -5.0620

Protanomaly

181.6800, 21.0920, -7.8040

Deuteranomaly

182.3330, 29.6190, -2.6450

Tritanomaly

183.5250, 20.6310, 6.0630

Monochromacy



Original Color

181.8980, 26.4100, -5.0620

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

182.2090, 9.5370, -2.1350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.8980, 26.4100, -5.0620 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(204, 178, 144)` looks like.

```
.text, #text, p{  
    color:rgb(204, 178, 144)  
}
```

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(204, 178, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 178, 144) }
```

Border

The CSS property to change the border of an element to YIQ 181.8980, 26.4100, -5.0620 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(204, 178, 144) }
```


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

```
.border{ border-color:rgb(204, 178, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 178, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 178, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 178, 144);  
box-shadow:4px 4px 4px 4px rgb(204, 178,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 181.8980, 26.4100, -5.0620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 178, 144) }
```

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

```
.background{ background-color: rgb(204,  
178, 144) }
```

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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