

Converting Colors

YIQ(189.4970, 25.8610,
-11.6350)

Have a look what the booklet for
YIQ(189.4970, 25.8610, -11.6350)
contains.

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Color

**YIQ(189.4970, 25.8610,
-11.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBE8D
RGB	207, 190, 141
RGB Percent	81%, 75%, 55%
CMY	0.1882, 0.2549, 0.4469
CMYK	0.00, 0.08, 0.32, 0.19
HSL	45°, 41%, 68%
HSV	45°, 32%, 81%
XYZ	48.9551, 52.0137, 32.6727
YIQ	189.4970, 25.8610, -11.6350

Conversions

Conversions Part 2

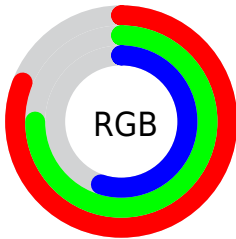
Format	Color
RYB	164, 207, 141
Decimal	13614733
CIELab	77.29, -1.31, 26.95
CIELCh	77, 26.978, 92.788
Yxy	52.0137, 0.3663, 0.3892
Android (android.graphics.Color)	4291804813 (0xFFCFBE8D)
YUV	189.4970, -23.9090, 15.3501
Hunter-Lab	72.1205, -5.0458, 23.6242

Details

The YIQ color $189.4970, 25.8610, -11.6350$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $158.5030, -25.8610, 11.6350$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.8770, 21.7350, -13.9530$, and $136.1270, 24.0270, -11.4370$ is the 20% darker color. If you saturate the color by 10%, you get $184.1680, 33.9770, -15.5510$, and if you desaturate by 10%, it is $194.8260, 17.7450, -7.7190$.

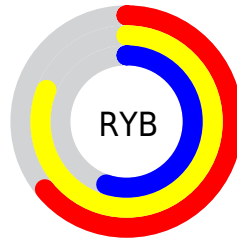
Distribution



Red (81%)

Green (75%)

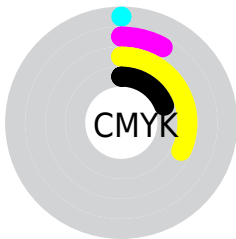
Blue (55%)



Red (64%)

Yellow (81%)

Blue (55%)

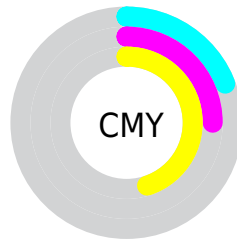


Cyan (0%)

Magenta (8%)

Yellow (32%)

Black (19%)



Cyan (19%)

Magenta (25%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.4970, 25.8610, -11.6350 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 189.4970, 25.8610, -11.6350 by changing the saturation by 10% instead.

■ 189.4970, 25.8610,
-11.6350

■ 189.4970, 25.8610,
-11.6350

255.0000, -0.0000,
-0.0000

■ 162.3120, 24.9440,
-11.5360

■ 242.8770, 21.7350,
-13.9530

■ 136.1270, 24.0270,
-11.4370

■ 251.3520, 10.2720,
-9.9520

■ 110.0560, 22.7890,
-11.0270

■ 254.6580, 0.9630,
-0.9330

■ 85.5720, 21.2760,
-11.1400

■ 62.3870, 20.3590,
-11.0410

■ 39.9030, 18.8460,
-11.1540

■ 21.2860, 10.6380,

-5.5700

■ 0.0000, 0.0000,
0.0000

■ 189.4970, 25.8610,
-11.6350

■ 189.4970, 25.8610,
-11.6350

■ 184.1680, 33.9770,
-15.5510

■ 194.8260, 17.7450,
-7.7190

■ 178.3660, 42.0470,
-18.6330

■ 200.6280, 9.6750,
-4.6370

■ 173.0370, 50.1630,
-22.5490

■ 205.9570, 1.5590,
-0.7210

■ 167.7080, 58.2790,
-26.4650

■ 211.2860, -6.5570,
3.1950

■ 161.9060, 66.3490,
-29.5470

■ 217.2020,
-14.9480, 6.5880

■ 156.5770, 74.4650,
-33.4630

■ 221.2770,
-19.5330, 7.0830

■ 152.2910, 81.0220,
-36.6580

■ 224.2120,
-20.9080, 4.4680

■ 227.7340,
-22.5580, 1.3300

■ 230.6690,
-23.9330, -1.2850

Harmonies

Analogous

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



192.0630, 39.2470, -0.9210



189.4970, 25.8610, -11.6350



186.9180, 5.3220, -19.3660

Triad

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



189.4970, 25.8610, -11.6350



179.7680, -55.4290, -14.1890



194.9830, 17.0060, 22.2060

Complementary

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



189.4970, 25.8610, -11.6350



158.5030, -25.8610, 11.6350

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.



193.7720, -7.3850, 18.2070



189.4970, 25.8610, -11.6350



183.6580, -51.7630, -3.5310

Square

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



189.4970, 25.8610, -11.6350



180.1960, -42.3150, -20.5790



189.1000, -32.0960, 8.9920



194.8570, 34.7960, 19.1800

Rectangle

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



189.4970, 25.8610, -11.6350



184.3660, -10.6790, -21.2310



189.1000, -32.0960, 8.9920



194.5630, 9.4410, 21.6410

Sweetspot

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



189.4970, 25.8610, -11.6350



248.0410, 9.9500, -4.1140



162.7860, 33.5580, 19.5900



123.8280, 6.2360, -2.8840



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.



189.4970, 25.8610, -11.6350



229.2670, 38.0120, -17.0920



194.9910, 12.2460, -23.7060



101.9850, 4.3560, -1.8520



123.6070, 65.7530, -29.7590



29.8690, 16.1860, -6.9980

Inverse Universe

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



158.5030, -25.8610, 11.6350



183.7330, -38.0120, 17.0920



153.0090, -12.2460, 23.7060



97.0150, -4.3560, 1.8520



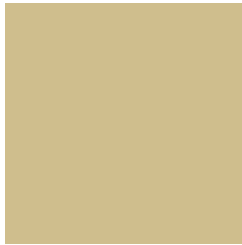
44.3930, -65.7530, 29.7590



11.1310, -16.1860, 6.9980

Previews

White Background



This preview shows how the YIQ color 189.4970, 25.8610, -11.6350 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 189.4970, 25.8610, -11.6350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

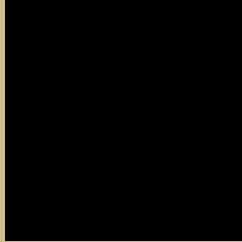
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.4970, 25.8610, -11.6350

Background



This preview shows how black text looks on a background with the YIQ color 189.4970, 25.8610, -11.6350.



This preview shows how white text looks on a background with the YIQ color 189.4970, 25.8610,

-11.6350.

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

189.4970, 25.8610, -11.6350

Protanopia

189.4860, 24.3940, -12.5820

Deuteranopia

190.8840, 38.1930, -3.8470



Tritanopia

193.5660, 13.3860, 10.7140

Trichromacy



Original Color

189.4970, 25.8610, -11.6350

Protanomaly

189.7850, 24.9900, -12.3700

Deuteranomaly

190.5520, 33.1960, -6.9000

Tritanomaly

192.4490, 17.7890, 2.5010

Monochromacy



Original Color

189.4970, 25.8610, -11.6350

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.1550, 9.6290, -3.8030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.4970, 25.8610, -11.6350 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(207, 190, 141)` looks like.

```
.text, #text, p{  
    color:rgb(207, 190, 141)  
}
```

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(207, 190, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 190, 141) }
```

Border

The CSS property to change the border of an element to YIQ 189.4970, 25.8610, -11.6350 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(207, 190, 141) }
```


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

```
.border{ border-color:rgb(207, 190, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 190, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 190, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 190, 141);  
box-shadow:4px 4px 4px 4px rgb(207, 190,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 189.4970, 25.8610, -11.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 190, 141) }
```

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

```
.background{ background-color: rgb(207,  
190, 141) }
```

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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