

Converting Colors

YIQ(189.6460, 35.6270,
-12.4130)

Have a look what the booklet for
YIQ(189.6460, 35.6270, -12.4130)
contains.

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Color

**YIQ(189.6460, 35.6270,
-12.4130)**

Conversions

Conversions Part 1

Format	Color
Hex	D8BC81
RGB	216, 188, 129
RGB Percent	85%, 74%, 51%
CMY	0.1529, 0.2628, 0.4939
CMYK	0.00, 0.13, 0.40, 0.15
HSL	41°, 53%, 68%
HSV	41°, 40%, 85%
XYZ	50.2674, 52.1477, 28.2016
YIQ	189.6460, 35.6270, -12.4130

Conversions

Conversions Part 2

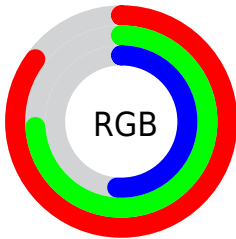
Format	Color
RYB	170, 216, 129
Decimal	14204033
CIELab	77.37, 1.89, 33.49
CIELCh	77, 33.547, 86.765
Yxy	52.1477, 0.3848, 0.3992
Android (android.graphics.Color)	4292394113 (0xFFD8BC81)
YUV	189.6460, -29.8985, 23.1125
Hunter-Lab	72.2134, -2.1202, 27.3947

Details

The YIQ color **189.6460, 35.6270, -12.4130** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **155.3540, -35.6270, 12.4130**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.2210, 26.4580, -16.9500**, and **136.0910, 32.8760, -12.1160** is the 20% darker color. If you saturate the color by 10%, you get **183.0290, 44.6140, -15.5940**, and if you desaturate by 10%, it is **196.2630, 26.6400, -9.2320**.

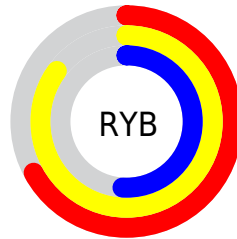
Distribution



Red (85%)

Green (74%)

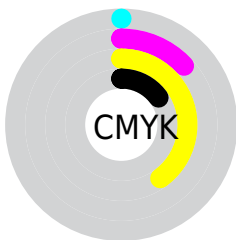
Blue (51%)



Red (67%)

Yellow (85%)

Blue (51%)

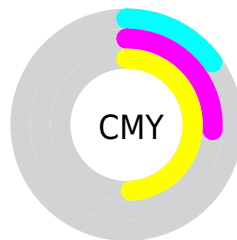


Cyan (0%)

Magenta (13%)

Yellow (40%)

Black (15%)



Cyan (15%)

Magenta (26%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.6460, 35.6270, -12.4130 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 189.6460, 35.6270, -12.4130 by changing the saturation by 10% instead.

■ 189.6460, 35.6270,
-12.4130

■ 189.6460, 35.6270,
-12.4130

■ 255.0000, -0.0000,
-0.0000

■ 162.4610, 34.7100,
-12.3140

■ 240.3350, 26.1370,
-16.6390

■ 136.0910, 32.8760,
-12.1160

■ 249.8700, 14.4450,
-13.9950

■ 110.3080, 30.7670,
-12.4410

■ 253.1760, 5.1360,
-4.9760

■ 85.2370, 29.5290,
-12.0310

■ 61.2260, 28.0620,
-12.9780

■ 40.8110, 22.1010,
-9.5710

■ 21.8950, 13.2970,

-4.1990

0.0000, 0.0000,
0.0000

189.6460, 35.6270,
-12.4130

189.6460, 35.6270,
-12.4130

183.0290, 44.6140,
-15.5940

196.2630, 26.6400,
-9.2320

176.5260, 53.2800,
-18.4640

202.7660, 17.9740,
-6.3620

169.9090, 62.2670,
-21.6450

209.3830, 8.9870,
-3.1810

163.4060, 70.9330,
-24.5150

215.8860, 0.3210,
-0.3110

156.7890, 79.9200,
-27.6960

222.5030, -8.6660,
2.8700

■ 150.2860, 88.5860,
-30.5660

■ 228.6640,
-16.3690, 4.8070

■ 232.7730,
-18.2940, 1.1460

■ 236.8820,
-20.2190, -2.5150

■ 240.9910,
-22.1440, -6.1760

Harmonies

Analogous

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



191.9180, 50.0210, 2.0610



189.6460, 35.6270, -12.4130



186.6320, 11.8790, -22.5610

Triad

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



189.6460, 35.6270, -12.4130



173.8580, -73.5380, -21.9060



196.0740, 15.4920, 27.6200

Complementary

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



189.6460, 35.6270, -12.4130



155.3540, -35.6270, 12.4130

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.



193.1610, -15.7300, 20.7660



189.6460, 35.6270, -12.4130



177.5460, -72.1190, -9.0710

Square

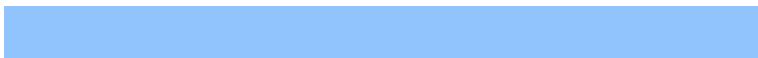
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



189.6460, 35.6270, -12.4130



176.9020, -50.4750, -26.8830



186.6620, -48.4180, 7.4380



195.4110, 39.2880, 25.8800

Rectangle

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



189.6460, 35.6270, -12.4130



183.8730, -7.9730, -26.2210



186.6620, -48.4180, 7.4380



195.4580, 5.5430, 26.2070

Sweetspot

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



189.6460, 35.6270, -12.4130



245.5960, 12.7010, -4.4110



158.3190, 42.5430, 27.4630



122.4260, 7.4280, -2.4600



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.



189.6460, 35.6270, -12.4130



218.1990, 49.8870, -17.5450



201.8960, 19.5830, -30.0250



103.9850, 4.3560, -1.8520



119.2210, 70.0160, -24.4160



29.8800, 17.6530, -6.0510

Inverse Universe

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



155.3540, -35.6270, 12.4130



169.8010, -49.8870, 17.5450



143.4030, -18.9870, 30.2370



99.6020, -4.6310, 1.3290



51.7790, -70.0160, 24.4160



13.1200, -17.6530, 6.0510

Previews

White Background



This preview shows how the YIQ color 189.6460, 35.6270, -12.4130 looks on a white background.

Color Contrast Check

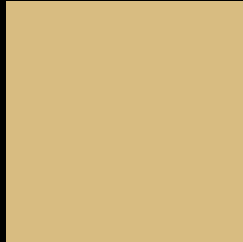
Large Text (above 18pt) WCAG AA × Fail

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 189.6460, 35.6270, -12.4130 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 189.6460, 35.6270, -12.4130

Background



This preview shows how black text looks on a background with the YIQ color 189.6460, 35.6270, -12.4130.



This preview shows how white text looks on a background with the YIQ color 189.6460, 35.6270, -12.4130.

-12.4130.

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

189.6460, 35.6270, -12.4130

Protanopia

188.8300, 29.1170, -15.5790

Deuteranopia

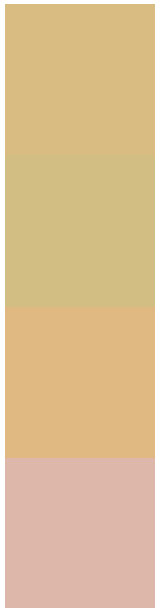
190.7120, 44.4290, -6.7310



Tritanopia

194.4530, 21.1340, 13.4700

Trichromacy



Original Color

189.6460, 35.6270, -12.4130

Protanomaly

189.1400, 31.1800, -14.4200

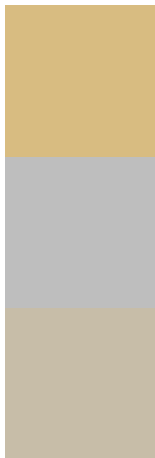
Deuteranomaly

190.3910, 40.8990, -8.8370

Tritanomaly

192.5810, 26.2250, 3.8010

Monochromacy



Original Color

189.6460, 35.6270, -12.4130

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.5960, 12.7010, -4.4110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.6460, 35.6270, -12.4130 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(216, 188, 129)` looks like.

```
.text, #text, p{  
    color:rgb(216, 188, 129)  
}
```

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(216, 188, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 188, 129) }
```

Border

The CSS property to change the border of an element to YIQ 189.6460, 35.6270, -12.4130 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(216, 188, 129) }
```


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

```
.border{ border-color:rgb(216, 188, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 188, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 188, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 188, 129);  
box-shadow:4px 4px 4px 4px rgb(216, 188,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 189.6460, 35.6270, -12.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 188, 129) }
```

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

```
.background{ background-color: rgb(216,  
188, 129) }
```

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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