

Converting Colors

YIQ(216.7760, 12.0140, -8.4820)

Have a look what the booklet for
YIQ(216.7760, 12.0140, -8.4820)
contains.

YIQ(216.7760, 12.0140, -8.4820)	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(216.7760, 12.0140,
-8.4820)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDBBD
RGB	223, 219, 189
RGB Percent	87%, 86%, 74%
CMY	0.1255, 0.1412, 0.2587
CMYK	0.00, 0.02, 0.15, 0.13
HSL	53°, 35%, 81%
HSV	53°, 15%, 87%
XYZ	64.9490, 70.0246, 58.2473
YIQ	216.7760, 12.0140, -8.4820

Conversions

Conversions Part 2

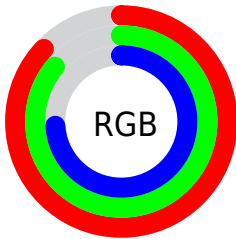
Format	Color
RYB	194, 223, 189
Decimal	14670781
CIELab	87.01, -3.60, 15.25
CIELCh	87, 15.666, 103.298
Yxy	70.0246, 0.3361, 0.3624
Android (android.graphics.Color)	4292860861 (0xFFDFDBBD)
YUV	216.7760, -13.6936, 5.4584
Hunter-Lab	83.6807, -7.8980, 17.3067

Details

The YIQ color $216.7760, 12.0140, -8.4820$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $195.2240, -12.0140, 8.4820$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8600, 3.2100, -3.1100$, and $162.0040, 11.3720, -7.8600$ is the 20% darker color. If you saturate the color by 10%, you get $212.5070, 19.9010, -13.7550$, and if you desaturate by 10%, it is $221.0450, 4.1270, -3.2090$.

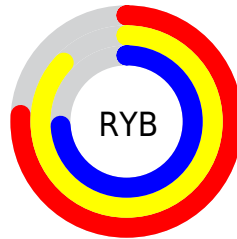
Distribution



Red (87%)

Green (86%)

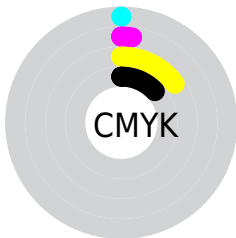
Blue (74%)



Red (76%)

Yellow (87%)

Blue (74%)

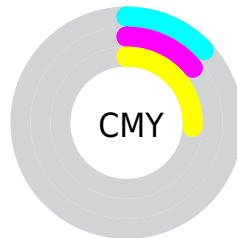


Cyan (0%)

Magenta (2%)

Yellow (15%)

Black (13%)



Cyan (13%)

Magenta (14%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.7760, 12.0140, -8.4820 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 216.7760, 12.0140, -8.4820 by changing the saturation by 10% instead.

■ 216.7760, 12.0140,
-8.4820

■ 216.7760, 12.0140,
-8.4820

255.0000, -0.0000,
-0.0000

■ 188.8900, 11.6930,
-8.1710

■ 253.8600, 3.2100,
-3.1100

■ 162.0040, 11.3720,
-7.8600

■ 135.7050, 10.7760,
-8.0720

■ 109.9330, 10.1340,
-7.4500

■ 85.9330, 10.1340,
-7.4500

■ 62.7480, 9.2170,
-7.3510

■ 40.6770, 7.9790,

-6.9410

■ 20.0900, 8.2540,
-6.4180

■ 0.0000, 0.0000,
0.0000

■ 216.7760, 12.0140,
-8.4820

■ 216.7760, 12.0140,
-8.4820

■ 212.5070, 19.9010,
-13.7550

■ 221.0450, 4.1270,
-3.2090

■ 208.7110, 27.8340,
-19.8620

■ 224.8410, -3.8060,
2.8980

■ 204.4420, 35.7210,
-25.1350

■ 228.9960,
-11.3720, 7.8600

■ 200.7600, 43.3330,
-30.9310

■ 230.1700,
-11.9220, 6.8140

■ 196.4910, 51.2200,
-36.2040

■ 231.9310,
-12.7470, 5.2450

■ 192.1080, 59.4280,
-41.7880

■ 233.6920,
-13.5720, 3.6760

■ 188.4260, 67.0400,
-47.5840

■ 234.8660,
-14.1220, 2.6300

■ 184.1570, 74.9270,
-52.8570

■ 236.6270,
-14.9470, 1.0610

■ 182.3160, 78.7330,
-55.7550

■ 238.3880,
-15.7720, -0.5080

Harmonies

Analogous

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



218.4400, 22.0080, -2.3760



216.7760, 12.0140, -8.4820



214.8390, -1.4650, -12.0010

Triad

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



216.7760, 12.0140, -8.4820



213.6250, -29.8010, -5.0730



221.2180, 14.4860, 12.8060

Complementary

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



216.7760, 12.0140, -8.4820



195.2240, -12.0140, 8.4820

Split Complementary

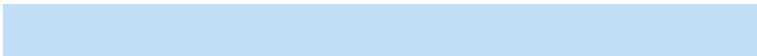
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220.2750, 1.1440, 12.3120



216.7760, 12.0140, -8.4820



216.0650, -24.9880, 1.3160

Square

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



216.7760, 12.0140, -8.4820



212.9040, -26.4530, -10.6850



218.3270, -13.8020, 7.8460



221.0140, 23.7480, 10.1480

Rectangle

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



216.7760, 12.0140, -8.4820



213.6360, -11.1390, -12.8910



218.3270, -13.8020, 7.8460



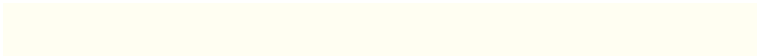
221.1790, 10.2220, 12.9900

Sweetspot

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



216.7760, 12.0140, -8.4820



252.9310, 4.4480, -3.5200



199.7360, 18.6590, 8.7630



126.5010, 2.8430, -1.9650



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.



216.7760, 12.0140, -8.4820



246.8210, 16.1410, -11.6910



215.5360, 3.7620, -13.1180



110.1590, 3.8060, -2.8980



143.6090, 62.2710, -43.7530



39.5930, 16.7830, -12.3130

Inverse Universe

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



195.2240, -12.0140, 8.4820



217.1790, -16.1410, 11.6910



196.4640, -3.7620, 13.1180



102.8410, -3.8060, 2.8980



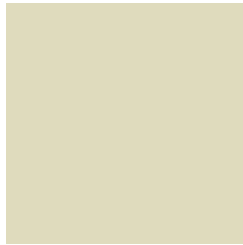
32.3910, -62.2710, 43.7530



8.9940, -17.0580, 11.7900

Previews

White Background



This preview shows how the YIQ color 216.7760, 12.0140, -8.4820 looks on a white background.

Color Contrast Check

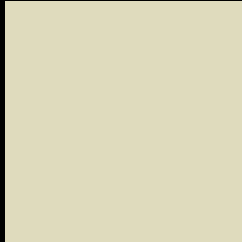
Large Text (above 18pt) WCAG AA × Fail

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 216.7760, 12.0140, -8.4820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

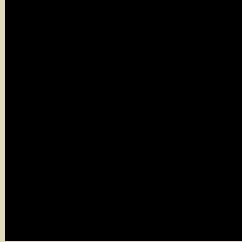
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

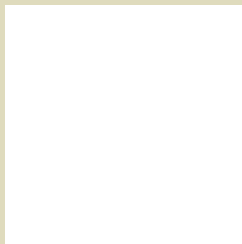
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 216.7760, 12.0140, -8.4820

Background



This preview shows how black text looks on a background with the YIQ color 216.7760, 12.0140, -8.4820.



This preview shows how white text looks on a background with the YIQ color 216.7760, 12.0140,

-8.4820.

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

216.7760, 12.0140, -8.4820

Protanopia

217.2820, 16.4610, -6.4750

Deuteranopia

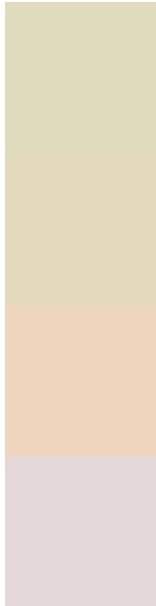
219.4950, 29.3430, 2.3590



Tritanopia

219.7220, 4.0790, 8.6790

Trichromacy



Original Color

216.7760, 12.0140, -8.4820

Protanomaly

217.2710, 14.9940, -7.4220

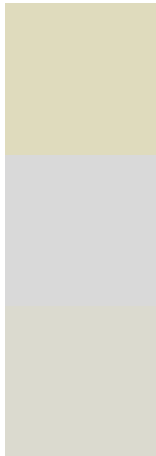
Deuteranomaly

218.4510, 23.4750, -1.4290

Tritanomaly

218.5880, 7.1520, 2.5440

Monochromacy



Original Color

216.7760, 12.0140, -8.4820

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

217.0450, 4.1270, -3.2090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.7760, 12.0140, -8.4820 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(223, 219, 189)` looks like.

```
.text, #text, p{  
    color:rgb(223, 219, 189)  
}
```

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(223, 219, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 219, 189) }
```

Border

The CSS property to change the border of an element to YIQ 216.7760, 12.0140, -8.4820 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(223, 219, 189) }
```


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

```
.border{ border-color:rgb(223, 219, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 219, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 219, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 219, 189); box-shadow:4px 4px 4px 4px rgb(223, 219, 189) }
```

Background

The CSS property to change the background color of an element to YIQ 216.7760, 12.0140, -8.4820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 219, 189) }
```

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

```
.background{ background-color: rgb(223,  
219, 189) }
```

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