

Converting Colors

YIQ(216.2910, 12.2420, -1.5980)

Have a look what the booklet for
YIQ(216.2910, 12.2420, -1.5980)
contains.

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Color

**YIQ(216.2910, 12.2420,
-1.5980)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D6C8
RGB	227, 214, 200
RGB Percent	89%, 84%, 78%
CMY	0.1098, 0.1608, 0.2156
CMYK	0.00, 0.06, 0.12, 0.11
HSL	31°, 33%, 84%
HSV	31°, 12%, 89%
XYZ	66.1526, 68.5930, 64.4060
YIQ	216.2910, 12.2420, -1.5980

Conversions

Conversions Part 2

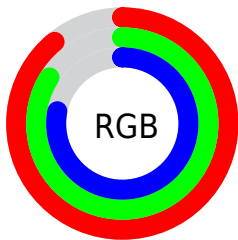
Format	Color
R _Y B	225, 227, 200
Decimal	14931656
CIE Lab	86.30, 2.15, 8.50
CIE LCh	86, 8.762, 75.816
Yxy	68.5930, 0.3322, 0.3444
Android (android.graphics.Color)	4293121736 (0xFFE3D6C8)
YUV	216.2910, -8.0315, 9.3918
Hunter-Lab	82.8209, -2.3609, 11.8675

Details

The YIQ color **216.2910, 12.2420, -1.5980** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **210.7090, -12.2420, 1.5980**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **161.4050, 11.9210, -1.2870** is the 20% darker color. If you saturate the color by 10%, you get **207.2120, 22.6500, -2.9980**, and if you desaturate by 10%, it is **225.3700, 1.8340, -0.1980**.

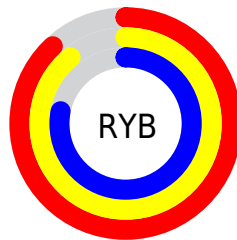
Distribution



Red (89%)

Green (84%)

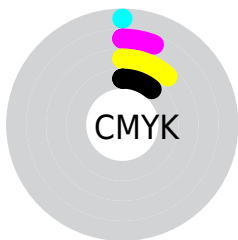
Blue (78%)



Red (88%)

Yellow (89%)

Blue (78%)

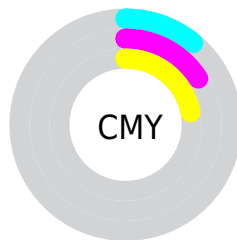


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.2910, 12.2420, -1.5980 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 216.2910, 12.2420, -1.5980 by changing the saturation by 10% instead.

■ 216.2910, 12.2420,
-1.5980

■ 216.2910, 12.2420,
-1.5980

255.0000, -0.0000,
-0.0000

■ 188.4050, 11.9210,
-1.2870

■ 161.4050, 11.9210,
-1.2870

■ 135.1060, 11.3250,
-1.4990

■ 109.9210, 10.4080,
-1.4000

■ 85.6220, 9.8120,
-1.6120

■ 62.3230, 9.2160,
-1.8240

■ 40.4370, 8.8950,

-1.5130

■ 19.1660, 11.0960,
-2.8560

■ 0.0000, 0.0000,
0.0000

■ 216.2910, 12.2420,
-1.5980

■ 216.2910, 12.2420,
-1.5980

■ 207.2120, 22.6500,
-2.9980

■ 225.3700, 1.8340,
-0.1980

■ 198.2470, 32.7370,
-4.0870

■ 234.3350, -8.2530,
0.8910

■ 189.1680, 43.1450,
-5.4870

■ 241.9320,
-14.4880, -1.7520

■ 180.0890, 53.5530,
-6.8870

■ 246.6280,
-16.6880, -5.9360

■ 171.1240, 63.6400,
-7.9760

■ 162.0450, 74.0480,
-9.3760

■ 152.9660, 84.4560,
-10.7760

■ 143.8870, 94.8640,
-12.1760

■ 137.1390,
102.8420, -13.5900

Harmonies

Analogous

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



217.3670, 15.0840, 1.9640



216.2910, 12.2420, -1.5980



215.3610, 6.0530, -5.0750

Triad

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



216.2910, 12.2420, -1.5980



213.4110, -14.5790, -5.6110



217.7000, 1.1450, 6.7850

Complementary

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



216.2910, 12.2420, -1.5980



210.7090, -12.2420, 1.5980

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.



216.3400, -6.6490, 4.8630



216.2910, 12.2420, -1.5980



213.9210, -15.9550, -2.6990

Square

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



216.2910, 12.2420, -1.5980



213.6950, -9.6270, -7.2510



215.1110, -13.4340, 1.1740



218.0060, 9.0310, 7.0390

Rectangle

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



216.2910, 12.2420, -1.5980



214.3820, 1.5600, -6.2480



215.1110, -13.4340, 1.1740



216.9170, -0.9640, 6.4600

Sweetspot

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



216.2910, 12.2420, -1.5980



250.9250, 4.5850, -0.4950



209.5550, 11.9190, 9.7670



124.8540, 3.3470, -0.0850



0.0000, 0.0000, 0.0000



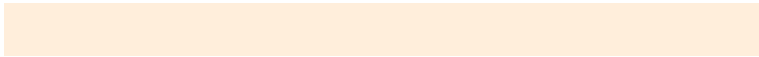
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.2910, 12.2420, -1.5980



240.9170, 16.2310, -2.3050



223.9220, 8.6670, -8.3970



110.1100, 5.5020, -0.5940



107.5250, 81.3840, -10.1680



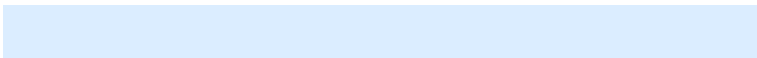
30.5110, 23.2460, -2.7860

Inverse Universe

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



210.7090, -12.2420, 1.5980



233.6700, -16.5060, 1.7820



203.0780, -8.6670, 8.3970



107.8900, -5.5020, 0.5940



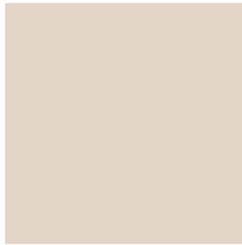
70.8880, -81.1090, 10.6910



20.4890, -23.2460, 2.7860

Previews

White Background



This preview shows how the YIQ color 216.2910, 12.2420, -1.5980 looks on a white background.

Color Contrast Check

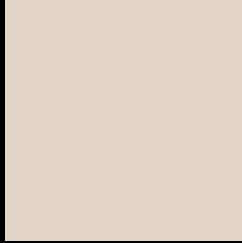
Large Text (above 18pt) WCAG AA × Fail

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 216.2910, 12.2420, -1.5980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

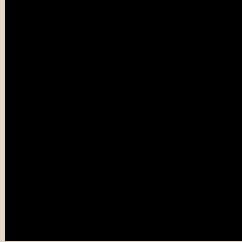
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

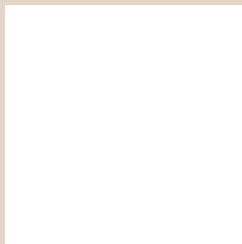
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 216.2910, 12.2420, -1.5980

Background



This preview shows how black text looks on a background with the YIQ color 216.2910, 12.2420, -1.5980.



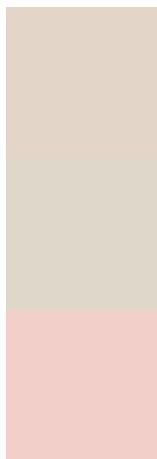
This preview shows how white text looks on a background with the YIQ color 216.2910, 12.2420,

-1.5980.

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

216.2910, 12.2420, -1.5980

Protanopia

215.7960, 9.2620, -2.6580

Deuteranopia

217.3680, 22.5110, 5.0310



Tritanopia

218.2170, 7.0590, 9.7390

Trichromacy



Original Color

216.2910, 12.2420, -1.5980

Protanomaly

216.0950, 9.8580, -2.4460

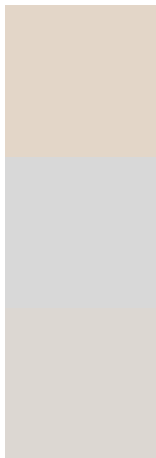
Deuteranomaly

217.0470, 18.9810, 2.9250

Tritanomaly

217.3650, 9.3980, 5.8940

Monochromacy



Original Color

216.2910, 12.2420, -1.5980

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.9250, 4.5850, -0.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.2910, 12.2420, -1.5980 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(227, 214, 200)` looks like.

```
.text, #text, p{  
    color:rgb(227, 214, 200)  
}
```

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(227, 214, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 214, 200) }
```

Border

The CSS property to change the border of an element to YIQ 216.2910, 12.2420, -1.5980 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(227, 214, 200) }
```


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

```
.border{ border-color:rgb(227, 214, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 214, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 214, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 214, 200);  
box-shadow:4px 4px 4px 4px rgb(227, 214,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 216.2910, 12.2420, -1.5980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 214, 200) }
```

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

```
.background{ background-color: rgb(227,  
214, 200) }
```

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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