

Converting Colors

YIQ(210.1290, 12.5180, -6.6020)

Have a look what the booklet for
YIQ(210.1290, 12.5180, -6.6020)
contains.

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Color

**YIQ(210.1290, 12.5180,
-6.6020)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD3B9
RGB	218, 211, 185
RGB Percent	85%, 83%, 73%
CMY	0.1451, 0.1725, 0.2744
CMYK	0.00, 0.03, 0.15, 0.15
HSL	47°, 31%, 79%
HSV	47°, 15%, 85%
XYZ	60.9658, 64.9960, 55.2410
YIQ	210.1290, 12.5180, -6.6020

Conversions

Conversions Part 2

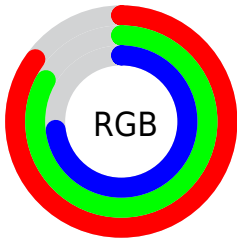
Format	Color
RYB	194, 218, 185
Decimal	14341049
CIELab	84.48, -1.90, 13.73
CIELCh	84, 13.862, 97.892
Yxy	64.9960, 0.3365, 0.3587
Android (android.graphics.Color)	4292531129 (0xFFDAD3B9)
YUV	210.1290, -12.3886, 6.9029
Hunter-Lab	80.6201, -6.1015, 15.8085

Details

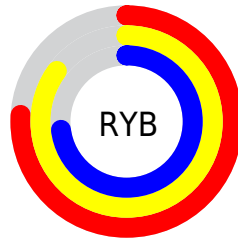
The YIQ color $210.1290, 12.5180, -6.6020$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $192.8710, -12.5180, 6.6020$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.4040, 4.4940, -4.3540$, and $155.9440, 11.6010, -6.5030$ is the 20% darker color. If you saturate the color by 10%, you get $204.6860, 20.9550, -10.8290$, and if you desaturate by 10%, it is $215.5720, 4.0810, -2.3750$.

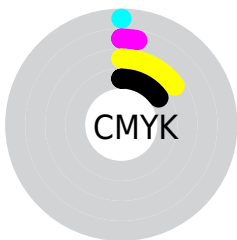
Distribution



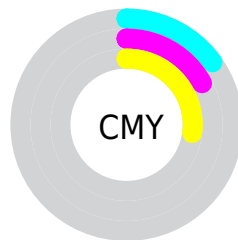
- Red (85%)
- Green (83%)
- Blue (73%)



- Red (76%)
- Yellow (85%)
- Blue (73%)



- Cyan (0%)
- Magenta (3%)
- Yellow (15%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.1290, 12.5180, -6.6020 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 210.1290, 12.5180, -6.6020 by changing the saturation by 10% instead.

■ 210.1290, 12.5180,
-6.6020

■ 210.1290, 12.5180,
-6.6020

255.0000, -0.0000,
-0.0000

■ 182.2430, 12.1970,
-6.2910

■ 253.4040, 4.4940,
-4.3540

■ 155.9440, 11.6010,
-6.5030

■ 130.0580, 11.2800,
-6.1920

■ 104.1720, 10.9590,
-5.8810

■ 79.9870, 10.0420,
-5.7820

■ 57.1010, 9.7210,
-5.4710

■ 35.6170, 8.2080,

-5.5840

■ 14.7740, 6.3280,
-4.5520

■ 0.0000, 0.0000,
0.0000

■ 210.1290, 12.5180,
-6.6020

■ 210.1290, 12.5180,
-6.6020

■ 204.6860, 20.9550,
-10.8290

■ 215.5720, 4.0810,
-2.3750

■ 199.8300, 29.1170,
-15.5790

■ 220.4280, -4.0810,
2.3750

■ 194.5010, 37.2330,
-19.4950

■ 225.7570,
-12.1970, 6.2910

■ 189.0580, 45.6700,
-23.7220

■ 229.2620,
-15.1770, 5.2310

■ 184.2020, 53.8320,
-28.4720

■ 231.6100,
-16.2770, 3.1390

■ 178.7590, 62.2690,
-32.6990

■ 234.5450,
-17.6520, 0.5240

■ 173.9030, 70.4310,
-37.4490

■ 236.8930,
-18.7520, -1.5680

■ 168.5740, 78.5470,
-41.3650

■ 239.8280,
-20.1270, -4.1830

■ 166.1460, 82.6280,
-43.7400

■ 242.7630,
-21.5020, -6.7980

Harmonies

Analogous

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



211.8960, 20.7240, -1.1320



210.1290, 12.5180, -6.6020



208.5620, 0.8730, -10.3190

Triad

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



210.1290, 12.5180, -6.6020



206.9520, -26.4080, -5.9920



213.4240, 10.9100, 11.5340

Complementary

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



210.1290, 12.5180, -6.6020



192.8710, -12.5180, 6.6020

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.



212.4380, -0.8730, 10.3190



210.1290, 12.5180, -6.6020



208.9080, -23.1080, 0.2840

Square

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



210.1290, 12.5180, -6.6020



206.7690, -21.6390, -9.8230



210.8600, -13.9850, 5.6550



213.4480, 19.5300, 9.4980

Rectangle

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



210.1290, 12.5180, -6.6020



207.5440, -7.8840, -11.3080



210.8600, -13.9850, 5.6550



213.2710, 6.9670, 11.4070

Sweetspot

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



210.1290, 12.5180, -6.6020



251.7570, 4.9980, -2.4740



195.6650, 17.4210, 9.1730



125.9140, 3.1180, -1.4420



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.



210.1290, 12.5180, -6.6020



243.8860, 17.5160, -9.0760



211.5470, 5.2290, -12.1710



106.9850, 4.3560, -1.8520



132.1460, 65.4330, -34.9750



34.8860, 17.5160, -9.0760

Inverse Universe

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



192.8710, -12.5180, 6.6020



220.1140, -17.5160, 9.0760



191.4530, -5.2290, 12.1710



101.4280, -4.0810, 2.3750



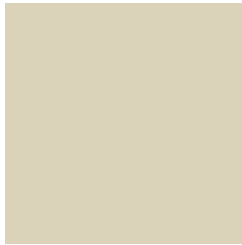
41.4410, -65.7080, 34.4520



11.1140, -17.5160, 9.0760

Previews

White Background



This preview shows how the YIQ color 210.1290, 12.5180, -6.6020 looks on a white background.

Color Contrast Check

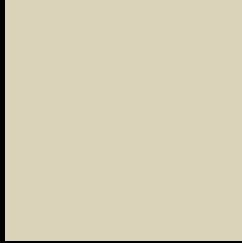
Large Text (above 18pt) WCAG AA × Fail

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 210.1290, 12.5180, -6.6020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

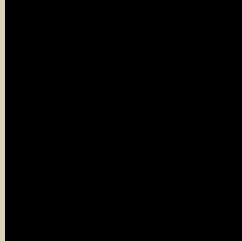
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

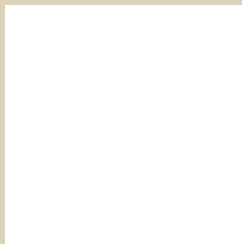
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 210.1290, 12.5180, -6.6020

Background



This preview shows how black text looks on a background with the YIQ color 210.1290, 12.5180, -6.6020.



This preview shows how white text looks on a background with the YIQ color 210.1290, 12.5180,

-6.6020.

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

210.1290, 12.5180, -6.6020

Protanopia

210.4390, 14.5810, -5.4430

Deuteranopia

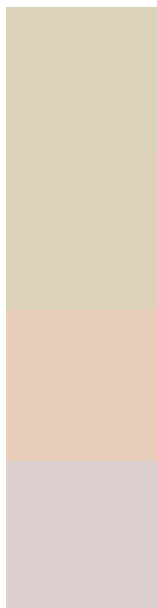
212.2390, 27.1880, 2.8680



Tritanopia

212.9070, 4.9960, 8.5800

Trichromacy



Original Color

210.1290, 12.5180, -6.6020

Protanomaly

210.1400, 13.9850, -5.6550

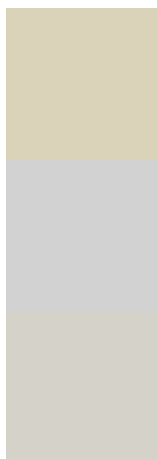
Deuteranomaly

211.4940, 21.9160, -0.7080

Tritanomaly

212.0010, 7.4270, 3.0670

Monochromacy



Original Color

210.1290, 12.5180, -6.6020

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.8710, 4.6770, -2.1630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.1290, 12.5180, -6.6020 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(218, 211, 185)` looks like.

```
.text, #text, p{  
    color:rgb(218, 211, 185)  
}
```

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(218, 211, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 211, 185) }
```

Border

The CSS property to change the border of an element to YIQ 210.1290, 12.5180, -6.6020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

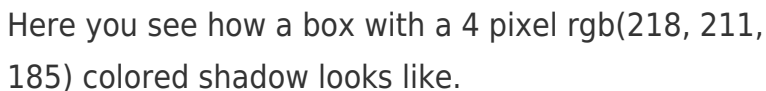
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 211, 185) }
```


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

```
.border{ border-color:rgb(218, 211, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 211, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 211, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 211, 185); box-shadow:4px 4px 4px 4px rgb(218, 211, 185) }
```

Background

The CSS property to change the background color of an element to YIQ 210.1290, 12.5180, -6.6020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 211, 185) }
```

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

```
.background{ background-color: rgb(218,  
211, 185) }
```

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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