

Converting Colors

YIQ(212.0290, 10.2240, 1.9360)

Have a look what the booklet for
YIQ(212.0290, 10.2240, 1.9360)
contains.

YIQ(212.0290, 10.2240, 1.9360)	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(212.0290, 10.2240,
1.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD0CC
RGB	223, 208, 204
RGB Percent	87%, 82%, 80%
CMY	0.1255, 0.1843, 0.2000
CMYK	0.00, 0.07, 0.09, 0.13
HSL	13°, 23%, 84%
HSV	13°, 9%, 87%
XYZ	63.8888, 65.1582, 66.3432
YIQ	212.0290, 10.2240, 1.9360

Conversions

Conversions Part 2

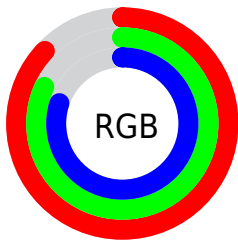
Format	Color
R _Y B	223, 209, 204
Decimal	14667980
CIE Lab	84.57, 4.52, 3.83
CIE LCh	85, 5.928, 40.301
Yxy	65.1582, 0.3270, 0.3335
Android (android.graphics.Color)	4292858060 (0xFFDFD0CC)
YUV	212.0290, -3.9583, 9.6216
Hunter-Lab	80.7206, 0.0182, 7.7747

Details

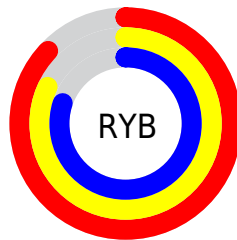
The YIQ color **212.0290, 10.2240, 1.9360** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **214.9710, -10.2240, -1.9360**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **157.7300, 9.6280, 1.7240** is the 20% darker color. If you saturate the color by 10%, you get **198.9550, 22.2360, 4.5080**, and if you desaturate by 10%, it is **225.1030, -1.7880, -0.6360**.

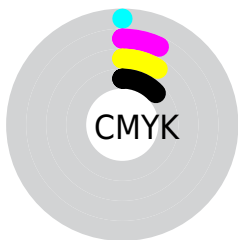
Distribution



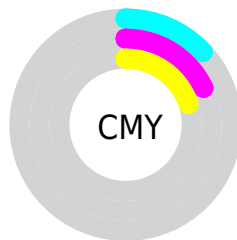
- Red (87%)
- Green (82%)
- Blue (80%)



- Red (87%)
- Yellow (82%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.0290, 10.2240, 1.9360 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 212.0290, 10.2240, 1.9360 by changing the saturation by 10% instead.

■ 212.0290, 10.2240,
1.9360

■ 212.0290, 10.2240,
1.9360

255.0000, -0.0000,
-0.0000

■ 184.1430, 9.9030,
2.2470

■ 157.7300, 9.6280,
1.7240

■ 131.4310, 9.0320,
1.5120

■ 106.4310, 9.0320,
1.5120

■ 82.1320, 8.4360,
1.3000

■ 58.9470, 7.5190,
1.3990

■ 37.0610, 7.1980,

1.7100

■ 16.0180, 8.7570,
0.9890

■ 0.0000, 0.0000,
0.0000

■ 212.0290, 10.2240,
1.9360

■ 212.0290, 10.2240,
1.9360

■ 198.9550, 22.2360,
4.5080

■ 225.1030, -1.7880,
-0.6360

■ 186.3540, 34.2940,
6.2460

■ 237.7040,
-13.8460, -2.3740

■ 173.2800, 46.3060,
8.8180

■ 245.4320,
-19.0720, -6.7840

■ 160.7930, 58.0430,
10.8670

■ 147.7190, 70.0550,
13.4390

■ 134.5310, 82.3880,
15.7000

■ 122.0440, 94.1250,
17.7490

■ 108.9700,
106.1370, 20.3210

■ 95.7820, 118.4700,
22.5820

Harmonies

Analogous

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



212.0120, 8.8940, 4.0140



212.0290, 10.2240, 1.9360



211.3770, 9.1240, -0.1560

Triad

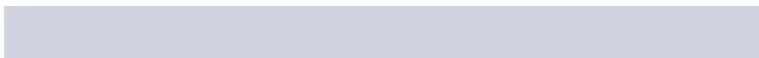
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



212.0290, 10.2240, 1.9360



209.3150, -5.5010, -4.9330



211.3570, -5.3190, 2.7850

Complementary

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



212.0290, 10.2240, 1.9360



214.9710, -10.2240, -1.9360

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.



210.6230, -9.1240, 0.1560



212.0290, 10.2240, 1.9360



209.6890, -9.4900, -4.2260

Square

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



212.0290, 10.2240, 1.9360



209.9520, -0.0450, -4.6930



209.6720, -10.8200, -2.1480



212.0480, 0.0450, 4.6930

Rectangle

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



212.0290, 10.2240, 1.9360



211.2410, 6.5110, -2.3610



209.6720, -10.8200, -2.1480



210.7590, -6.5110, 2.3610

Sweetspot

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



212.0290, 10.2240, 1.9360



250.5660, 4.2180, 0.6500



211.3910, 6.5090, 8.6930



124.3810, 3.3010, 0.7490



0.0000, 0.0000, 0.0000



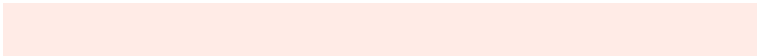
128.0000, -0.0000, -0.0000

Same Dimension

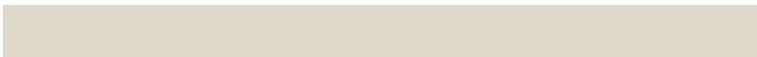
The Same Dimension uses a secret algorithm to generate beautiful new colors.



212.0290, 10.2240, 1.9360



240.4100, 13.5250, 2.6850



217.3120, 7.7490, -2.7710



105.4630, 6.0060, 1.2860



74.3430, 94.7210, 17.9610



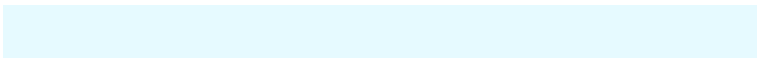
20.2220, 25.8580, 4.9460

Inverse Universe

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



214.9710, -10.2240, -1.9360



244.5900, -13.5250, -2.6850



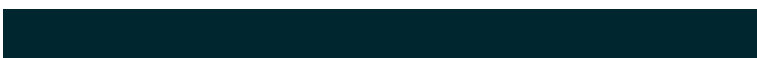
209.6880, -7.7490, 2.7710



107.5370, -6.0060, -1.2860



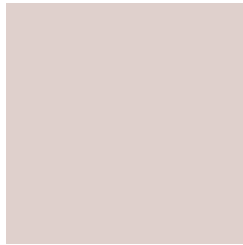
101.6570, -94.7210, -17.9610



27.7780, -25.8580, -4.9460

Previews

White Background



This preview shows how the YIQ color 212.0290, 10.2240, 1.9360 looks on a white background.

Color Contrast Check

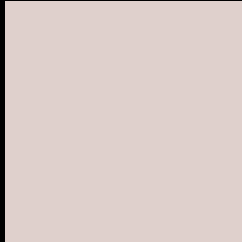
Large Text (above 18pt) WCAG AA × Fail

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 212.0290, 10.2240, 1.9360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

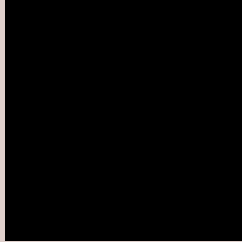
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

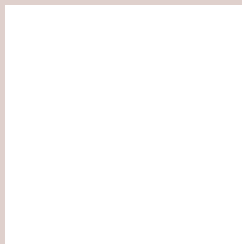
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 212.0290, 10.2240, 1.9360

Background



This preview shows how black text looks on a background with the YIQ color 212.0290, 10.2240, 1.9360.



This preview shows how white text looks on a background with the YIQ color 212.0290, 10.2240,

1.9360.

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

212.0290, 10.2240, 1.9360

Protanopia

211.2240, 5.1810, -0.2830

Deuteranopia

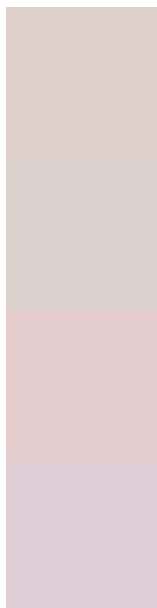
213.0840, 17.5590, 6.6710



Tritanopia

212.8040, 6.7840, 9.2160

Trichromacy



Original Color

212.0290, 10.2240, 1.9360

Protanomaly

211.5340, 7.2440, 0.8760

Deuteranomaly

212.4750, 14.9000, 5.3000

Tritanomaly

212.4080, 7.8390, 6.6150

Monochromacy



Original Color

212.0290, 10.2240, 1.9360

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.2670, 3.6220, 0.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.0290, 10.2240, 1.9360 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, 208, 204)` looks like.

```
.text, #text, p{  
    color:rgb(223, 208, 204)  
}
```

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, 208, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 208, 204) }
```

Border

The CSS property to change the border of an element to YIQ 212.0290, 10.2240, 1.9360 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, 208, 204) }
```


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

```
.border{ border-color:rgb(223, 208, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 208, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 208, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 208, 204);  
box-shadow:4px 4px 4px 4px rgb(223, 208,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 212.0290, 10.2240, 1.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 208, 204) }
```

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

```
.background{ background-color: rgb(223,  
208, 204) }
```

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