

Converting Colors

YIQ(203.4930, 14.4890, -3.7750)

Have a look what the booklet for
YIQ(203.4930, 14.4890, -3.7750)
contains.

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Color

**YIQ(203.4930, 14.4890,
-3.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CAB5
RGB	215, 202, 181
RGB Percent	84%, 79%, 71%
CMY	0.1568, 0.2078, 0.2901
CMYK	0.00, 0.06, 0.16, 0.16
HSL	37°, 30%, 78%
HSV	37°, 16%, 84%
XYZ	57.4873, 60.0232, 52.2819
YIQ	203.4930, 14.4890, -3.7750

Conversions

Conversions Part 2

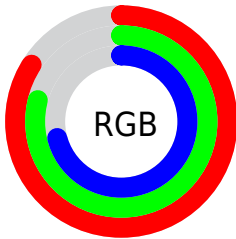
Format	Color
R_{YB}	202, 215, 181
Decimal	14142133
CIE Lab	81.85, 1.07, 12.10
CIE LCh	82, 12.143, 84.924
Yxy	60.0232, 0.3386, 0.3535
Android (android.graphics.Color)	4292332213 (0xFFD7CAB5)
YUV	203.4930, -11.0890, 10.0916
Hunter-Lab	77.4746, -3.1310, 14.2218

Details

The YIQ color **203.4930, 14.4890, -3.7750** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **192.5070, -14.4890, 3.7750**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **252.9480, 5.7780, -5.5980**, and **149.3080, 13.5720, -3.6760** is the 20% darker color. If you saturate the color by 10%, you get **196.4030, 23.4300, -6.1220**, and if you desaturate by 10%, it is **210.6970, 5.2270, -1.1170**.

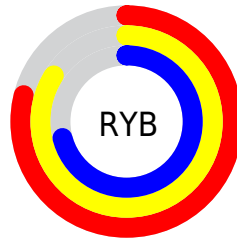
Distribution



Red (84%)

Green (79%)

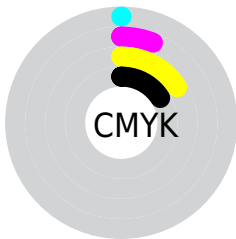
Blue (71%)



Red (79%)

Yellow (84%)

Blue (71%)

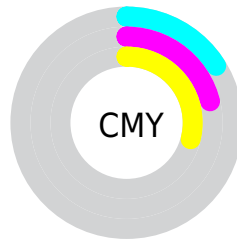


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (16%)



Cyan (16%)


Magenta (21%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 203.4930, 14.4890, -3.7750 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 203.4930, 14.4890, -3.7750 by changing the saturation by 10% instead.

 203.4930, 14.4890,
-3.7750


 203.4930, 14.4890,
-3.7750


255.0000, -0.0000,
-0.0000


 176.1940, 13.8930,
-3.9870


 252.9480, 5.7780,
-5.5980

 149.3080, 13.5720,
-3.6760

 123.4220, 13.2510,
-3.3650

 98.2370, 12.3340,
-3.2660

 74.9380, 11.7380,
-3.4780

 51.8670, 10.5000,
-3.0680

 30.4540, 10.2250,

-3.5910

■ 7.4090, 6.0980,
-0.3820

■ 0.0000, 0.0000,
0.0000

■ 203.4930, 14.4890,
-3.7750

■ 203.4930, 14.4890,
-3.7750

■ 196.4030, 23.4300,
-6.1220

■ 210.6970, 5.2270,
-1.1170

■ 189.1990, 32.6920,
-8.7800

■ 217.7870, -3.7140,
1.2300

■ 181.5220, 41.9080,
-10.6040

■ 225.5780,
-13.2510, 3.3650

■ 174.3180, 51.1700,
-13.2620

■ 231.3000,
-18.3400, 1.9800

■ 167.2280, 60.1110,
-15.6090

■ 235.9960,
-20.5400, -2.2040

■ 160.0240, 69.3730,
-18.2670

■ 240.6920,
-22.7400, -6.3880

■ 152.3470, 78.5890,
-20.0910

■ 243.0400,
-23.8400, -8.4800

■ 145.1430, 87.8510,
-22.7490

■ 142.3560, 91.5650,
-23.9790

Harmonies

Analogous

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



204.2920, 19.6690, 1.4690



203.4930, 14.4890, -3.7750



202.1820, 4.9990, -8.0010

Triad

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



203.4930, 14.4890, -3.7750



199.8770, -21.8230, -6.4870



205.8470, 5.2250, 9.9370

Complementary

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



203.4930, 14.4890, -3.7750



192.5070, -14.4890, 3.7750

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.



204.2200, -6.1910, 7.5770



203.4930, 14.4890, -3.7750



200.9250, -21.7780, -1.7940

Square

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



203.4930, 14.4890, -3.7750



199.7050, -15.5870, -9.3710



202.6100, -16.2770, 3.1390



206.1100, 14.6700, 9.4700

Rectangle

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



203.4930, 14.4890, -3.7750



201.4200, -1.6030, -9.4990



202.6100, -16.2770, 3.1390



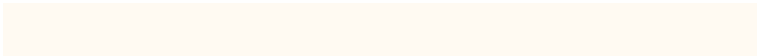
205.5800, 1.6030, 9.4990

Sweetspot

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



203.4930, 14.4890, -3.7750



250.5830, 5.5480, -1.4280



192.6480, 16.0910, 11.2510



125.3270, 3.3930, -0.9190



0.0000, 0.0000, 0.0000



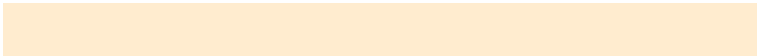
128.0000, -0.0000, -0.0000

Same Dimension

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



203.4930, 14.4890, -3.7750



238.3750, 20.6330, -4.9910



209.9280, 8.5300, -11.4220



103.3980, 4.6310, -1.3290



112.7640, 73.0410, -18.6630



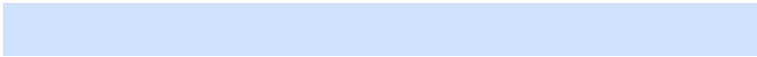
28.7060, 18.2030, -5.0050

Inverse Universe

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



192.5070, -14.4890, 3.7750



223.0380, -20.3580, 5.5140



186.0720, -8.5300, 11.4220



99.6020, -4.6310, 1.3290



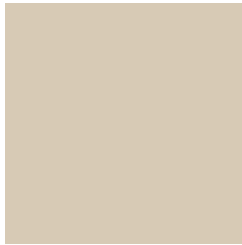
57.6490, -72.7660, 19.1860



14.8810, -18.4780, 4.4820

Previews

White Background



This preview shows how the YIQ color 203.4930, 14.4890, -3.7750 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 203.4930, 14.4890, -3.7750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

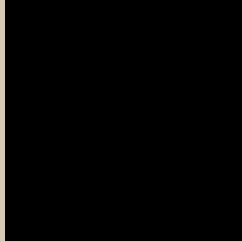
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

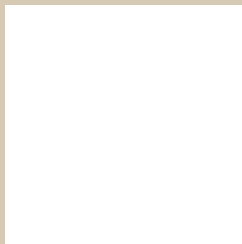
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 203.4930, 14.4890, -3.7750

Background



This preview shows how black text looks on a background with the YIQ color 203.4930, 14.4890, -3.7750.



This preview shows how white text looks on a background with the YIQ color 203.4930, 14.4890,

-3.7750.

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

203.4930, 14.4890, -3.7750

Protanopia

203.1830, 12.4260, -4.9340

Deuteranopia

204.8690, 25.3540, 3.0660



Tritanopia

205.4020, 7.9760, 9.6400

Trichromacy



Original Color

203.4930, 14.4890, -3.7750

Protanomaly

203.4820, 13.0220, -4.7220

Deuteranomaly

204.2490, 21.2280, 0.7480

Tritanomaly

204.9090, 10.6820, 4.6500

Monochromacy



Original Color

203.4930, 14.4890, -3.7750

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

203.2840, 4.9520, -1.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.4930, 14.4890, -3.7750 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(215, 202, 181)` looks like.

```
.text, #text, p{  
    color:rgb(215, 202, 181)  
}
```

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(215, 202, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 202, 181) }
```

Border

The CSS property to change the border of an element to YIQ 203.4930, 14.4890, -3.7750 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(215, 202, 181) }
```


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

```
.border{ border-color:rgb(215, 202, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 202, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 202, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 202, 181);  
box-shadow:4px 4px 4px 4px rgb(215, 202,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 203.4930, 14.4890, -3.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 202, 181) }
```

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

```
.background{ background-color: rgb(215,  
202, 181) }
```

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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