

Converting Colors

YIQ(215.0790, 6.7870, -7.3650)

Have a look what the booklet for
YIQ(215.0790, 6.7870, -7.3650)
contains.

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Color

**YIQ(215.0790, 6.7870,
-7.3650)**

Conversions

Conversions Part 1

Format	Color
Hex	D9DAC3
RGB	217, 218, 195
RGB Percent	85%, 85%, 76%
CMY	0.1490, 0.1451, 0.2352
CMYK	0.00, 0.00, 0.11, 0.15
HSL	63°, 24%, 81%
HSV	63°, 11%, 85%
XYZ	63.5371, 68.8347, 61.5742
YIQ	215.0790, 6.7870, -7.3650

Conversions

Conversions Part 2

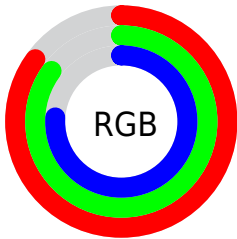
Format	Color
RYB	195, 218, 196
Decimal	14277315
CIELab	86.42, -4.29, 11.20
CIELCh	86, 11.993, 110.953
Yxy	68.8347, 0.3276, 0.3549
Android (android.graphics.Color)	4292467395 (0xFFD9DAC3)
YUV	215.0790, -9.8989, 1.6847
Hunter-Lab	82.9667, -8.4937, 14.0743

Details

The YIQ color $215.0790, 6.7870, -7.3650$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $197.9210, -6.7870, 7.3650$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.6580, 0.9630, -0.9330$, and $160.1930, 6.4660, -7.0540$ is the 20% darker color. If you saturate the color by 10%, you get $212.2720, 13.2530, -14.4190$, and if you desaturate by 10%, it is $217.8860, 0.3210, -0.3110$.

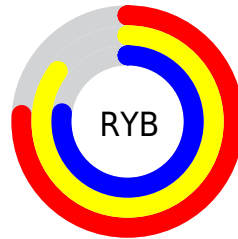
Distribution



Red (85%)

Green (85%)

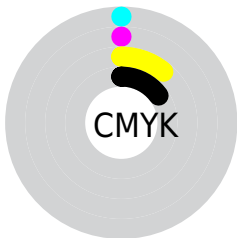
Blue (76%)



Red (76%)

Yellow (85%)

Blue (77%)

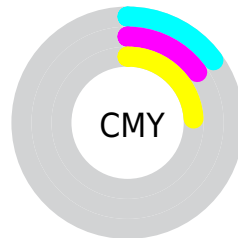


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.0790, 6.7870, -7.3650 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 215.0790, 6.7870, -7.3650 by changing the saturation by 10% instead.

■ 215.0790, 6.7870,
-7.3650

■ 215.0790, 6.7870,
-7.3650

255.0000, -0.0000,
-0.0000

■ 187.1930, 6.4660,
-7.0540

254.6580, 0.9630,
-0.9330

■ 160.1930, 6.4660,
-7.0540

■ 134.3070, 6.1450,
-6.7430

■ 109.0080, 5.5490,
-6.9550

■ 84.5350, 5.5030,
-6.1210

■ 61.5350, 5.5030,
-6.1210

■ 39.4640, 4.2650,

-5.7110

■ 19.1930, 6.4660,
-7.0540

■ 0.0000, 0.0000,
0.0000

■ 215.0790, 6.7870,
-7.3650

■ 215.0790, 6.7870,
-7.3650

■ 212.2720, 13.2530,
-14.4190

■ 217.8860, 0.3210,
-0.3110

■ 209.4650, 19.7190,
-21.4730

■ 220.6930, -6.1450,
6.7430

■ 206.7720, 25.8640,
-28.2160

■ 222.8160,
-10.6850, 11.9310

■ 203.9650, 32.3300,
-35.2700

■ 223.1150,
-10.0890, 12.1430

■ 201.1580, 38.7960,
-42.3240

■ 223.4140, -9.4930,
12.3550

■ 198.3510, 45.2620,
-49.3780

■ 223.7130, -8.8970,
12.5670

■ 195.5440, 51.7280,
-56.4320

■ 224.0120, -8.3010,
12.7790

■ 192.8510, 57.8730,
-63.1750

■ 224.3110, -7.7050,
12.9910

■ 190.1580, 64.0180,
-69.9180

■ 224.6100, -7.1090,
13.2030

Harmonies

Analogous

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



216.2050, 15.3600, -3.0400



215.0790, 6.7870, -7.3650



213.7510, -4.0330, -9.5130

Triad

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



215.0790, 6.7870, -7.3650



213.3980, -21.7320, -2.6280



218.9250, 13.7530, 9.5690

Complementary

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



215.0790, 6.7870, -7.3650



197.9210, -6.7870, 7.3650

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.



218.3630, 3.7120, 9.8240



215.0790, 6.7870, -7.3650



215.1970, -16.5520, 2.6160

Square

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



215.0790, 6.7870, -7.3650



212.6490, -21.1810, -7.1090



217.2090, -7.6580, 6.6300



218.5680, 19.0720, 6.7840

Rectangle

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



215.0790, 6.7870, -7.3650



212.6300, -11.0020, -9.8660



217.2090, -7.6580, 6.6300



218.4840, 10.6810, 10.1770

Sweetspot

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



215.0790, 6.7870, -7.3650



254.0880, 2.5680, -2.4880



202.4640, 13.4330, 4.3530



127.0170, 1.3300, -2.0780



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.



215.0790, 6.7870, -7.3650



250.9390, 9.9970, -10.4750



211.7900, 0.2310, -9.6970



108.4470, 2.9350, -3.6330



151.1850, 51.3610, -55.2870



40.1580, 13.5740, -14.7300

Inverse Universe

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



197.9210, -6.7870, 7.3650



226.0610, -9.9970, 10.4750



201.2100, -0.2310, 9.6970



100.2540, -3.5310, 3.4210



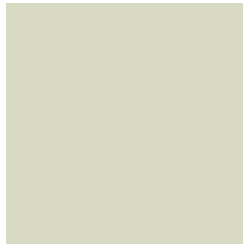
22.1140, -50.7650, 55.4990



5.8420, -13.5740, 14.7300

Previews

White Background



This preview shows how the YIQ color 215.0790, 6.7870, -7.3650 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 215.0790, 6.7870, -7.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

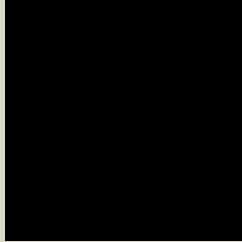
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

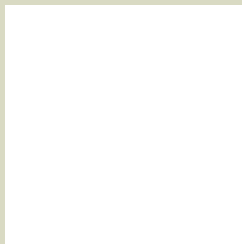
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 215.0790, 6.7870, -7.3650

Background



This preview shows how black text looks on a background with the YIQ color 215.0790, 6.7870, -7.3650.



This preview shows how white text looks on a background with the YIQ color 215.0790, 6.7870, -7.3650.

-7.3650.

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

215.0790, 6.7870, -7.3650

Protanopia

215.5960, 12.7010, -4.4110

Deuteranopia

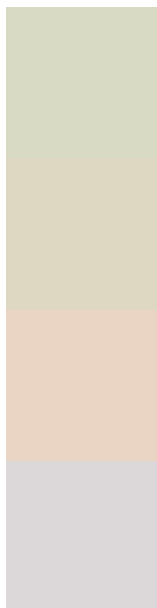
217.5100, 24.9870, 4.2110



Tritanopia

217.6290, -0.0930, 7.1950

Trichromacy



Original Color

215.0790, 6.7870, -7.3650

Protanomaly

215.2860, 10.6380, -5.5700

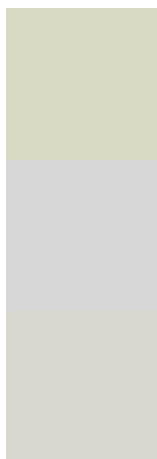
Deuteranomaly

216.7540, 18.2480, -0.3120

Tritanomaly

216.7230, 2.3380, 1.6820

Monochromacy



Original Color

215.0790, 6.7870, -7.3650

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

215.0880, 2.5680, -2.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.0790, 6.7870, -7.3650 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(217, 218, 195)` looks like.

```
.text, #text, p{  
    color:rgb(217, 218, 195)  
}
```

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(217, 218, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 218, 195) }
```

Border

The CSS property to change the border of an element to YIQ 215.0790, 6.7870, -7.3650 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(217, 218, 195) }
```


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

```
.border{ border-color:rgb(217, 218, 195) }
```

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

Here you see how a box with a 4 pixel rgb(217, 218, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 218, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 218, 195);  
box-shadow:4px 4px 4px 4px rgb(217, 218,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 215.0790, 6.7870, -7.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 218, 195) }
```

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

```
.background{ background-color: rgb(217,  
218, 195) }
```

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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