

Converting Colors

YIQ(215.7200, 6.4200, -6.2200)

Have a look what the booklet for
YIQ(215.7200, 6.4200, -6.2200)
contains.

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Color

**YIQ(215.7200, 6.4200,
-6.2200)**

Conversions

Conversions Part 1

Format	Color
Hex	DADAC6
RGB	218, 218, 198
RGB Percent	85%, 85%, 78%
CMY	0.1451, 0.1451, 0.2235
CMYK	0.00, 0.00, 0.09, 0.15
HSL	60°, 21%, 82%
HSV	60°, 9%, 85%
XYZ	64.1781, 69.1254, 63.3924
YIQ	215.7200, 6.4200, -6.2200

Conversions

Conversions Part 2

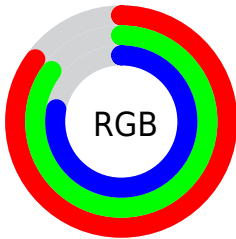
Format	Color
RYB	198, 218, 198
Decimal	14342854
CIELab	86.57, -3.44, 9.84
CIELCh	87, 10.421, 109.297
Yxy	69.1254, 0.3263, 0.3514
Android (android.graphics.Color)	4292532934 (0xFFDADAC6)
YUV	215.7200, -8.7360, 1.9996
Hunter-Lab	83.1417, -7.7116, 12.9928

Details

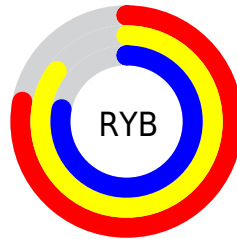
The YIQ color **215.7200, 6.4200, -6.2200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **200.2800, -6.4200, 6.2200**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **160.8340, 6.0990, -5.9090** is the 20% darker color. If you saturate the color by 10%, you get **213.2120, 13.4820, -13.0620**, and if you desaturate by 10%, it is **218.2280, -0.6420, 0.6220**.

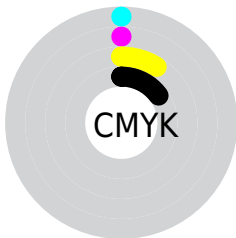
Distribution



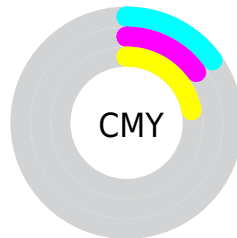
- Red (85%)
- Green (85%)
- Blue (78%)



- Red (78%)
- Yellow (85%)
- Blue (78%)



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)



- Cyan (15%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.7200, 6.4200, -6.2200 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 215.7200, 6.4200, -6.2200 by changing the saturation by 10% instead.

■ 215.7200, 6.4200,
-6.2200

■ 215.7200, 6.4200,
-6.2200

255.0000, -0.0000,
-0.0000

■ 187.8340, 6.0990,
-5.9090

■ 160.8340, 6.0990,
-5.9090

■ 134.9480, 5.7780,
-5.5980

■ 109.6490, 5.1820,
-5.8100

■ 85.0620, 5.4570,
-5.2870

■ 61.8770, 4.5400,
-5.1880

■ 39.9910, 4.2190,

-4.8770

■ 19.4920, 7.0620,
-6.8420

■ 0.0000, 0.0000,
0.0000

■ 215.7200, 6.4200,
-6.2200

■ 215.7200, 6.4200,
-6.2200

■ 213.2120, 13.4820,
-13.0620

■ 218.2280, -0.6420,
0.6220

■ 210.7040, 20.5440,
-19.9040

■ 220.7360, -7.7040,
7.4640

■ 208.3100, 27.2850,
-26.4350

■ 222.2180,
-11.8770, 11.5070

■ 205.8020, 34.3470,
-33.2770

■ 203.2940, 41.4090,
-40.1190

■ 200.7860, 48.4710,
-46.9610

■ 198.2780, 55.5330,
-53.8030

■ 195.8840, 62.2740,
-60.3340

■ 193.3760, 69.3360,
-67.1760

Harmonies

Analogous

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



217.1340, 14.1220, -2.6300



215.7200, 6.4200, -6.2200



214.8760, -2.8870, -8.2550

Triad

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



215.7200, 6.4200, -6.2200



214.0670, -19.3020, -2.6140



218.7290, 11.3690, 8.7210

Complementary

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



215.7200, 6.4200, -6.2200



200.2800, -6.4200, 6.2200

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.



218.2380, 2.5660, 8.5660



215.7200, 6.4200, -6.2200



216.1540, -14.9930, 1.8950

Square

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



215.7200, 6.4200, -6.2200



213.7310, -18.4760, -6.5720



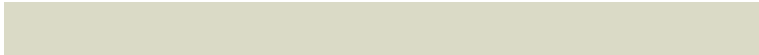
216.9810, -7.0160, 6.0080



218.4860, 16.3670, 6.2470

Rectangle

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



215.7200, 6.4200, -6.2200



213.9400, -8.9390, -8.7070



216.9810, -7.0160, 6.0080



219.0600, 8.9390, 8.7070

Sweetspot

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



215.7200, 6.4200, -6.2200



254.0880, 2.5680, -2.4880



203.9800, 11.9200, 4.2400



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.



215.7200, 6.4200, -6.2200



251.8080, 8.9880, -8.7080



212.7300, 0.4600, -8.3400



108.7460, 3.5310, -3.4210



153.2780, 55.5330, -53.8030



40.7560, 14.7660, -14.3060

Inverse Universe

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



200.2800, -6.4200, 6.2200



230.1920, -8.9880, 8.7080



203.2700, -0.4600, 8.3400



100.2540, -3.5310, 3.4210



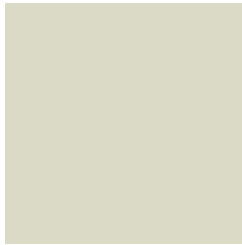
19.7220, -55.5330, 53.8030



5.2440, -14.7660, 14.3060

Previews

White Background



This preview shows how the YIQ color 215.7200, 6.4200, -6.2200 looks on a white background.

Color Contrast Check

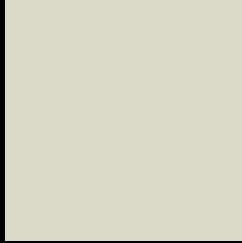
Large Text (above 18pt) WCAG AA × Fail

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 215.7200, 6.4200, -6.2200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

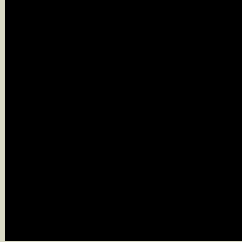
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

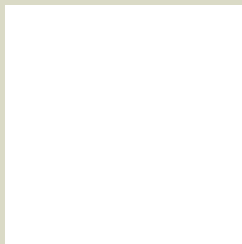
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 215.7200, 6.4200, -6.2200

Background



This preview shows how black text looks on a background with the YIQ color 215.7200, 6.4200, -6.2200.



This preview shows how white text looks on a background with the YIQ color 215.7200, 6.4200,

-6.2200.

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

215.7200, 6.4200, -6.2200

Protanopia

216.5250, 11.4630, -4.0010

Deuteranopia

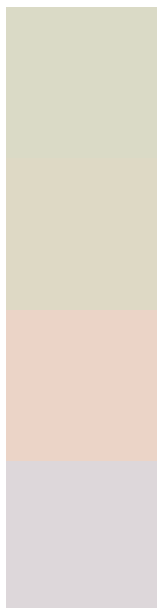
218.4390, 23.7490, 4.6210



Tritanopia

217.9280, 0.5030, 7.4070

Trichromacy



Original Color

215.7200, 6.4200, -6.2200

Protanomaly

216.2150, 9.4000, -5.1600

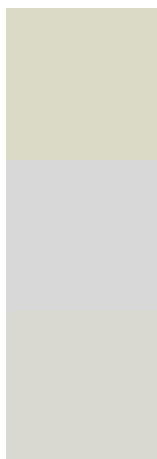
Deuteranomaly

217.3950, 17.8810, 0.8330

Tritanomaly

217.1360, 2.6130, 2.2050

Monochromacy



Original Color

215.7200, 6.4200, -6.2200

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.0880, 2.5680, -2.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.7200, 6.4200, -6.2200 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, 218, 198)` looks like.

```
.text, #text, p{  
    color:rgb(218, 218, 198)  
}
```

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, 218, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 218, 198) }
```

Border

The CSS property to change the border of an element to YIQ 215.7200, 6.4200, -6.2200 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, 218, 198) }
```


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

```
.border{ border-color:rgb(218, 218, 198) }
```

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

Here you see how a box with a 4 pixel rgb(218, 218, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 218, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 218, 198);  
box-shadow:4px 4px 4px 4px rgb(218, 218,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 215.7200, 6.4200, -6.2200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 218, 198) }
```

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

```
.background{ background-color: rgb(218,  
218, 198) }
```

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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