

Converting Colors

YIQ(216.7200, 6.4200, -6.2200)

Have a look what the booklet for
YIQ(216.7200, 6.4200, -6.2200)
contains.

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Color

**YIQ(216.7200, 6.4200,
-6.2200)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDBC7
RGB	219, 219, 199
RGB Percent	86%, 86%, 78%
CMY	0.1412, 0.1412, 0.2196
CMYK	0.00, 0.00, 0.09, 0.14
HSL	60°, 22%, 82%
HSV	60°, 9%, 86%
XYZ	64.8540, 69.8466, 64.1028
YIQ	216.7200, 6.4200, -6.2200

Conversions

Conversions Part 2

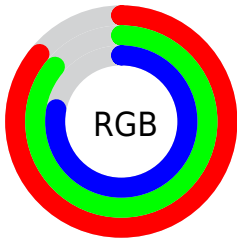
Format	Color
RYB	199, 219, 199
Decimal	14408647
CIELab	86.92, -3.44, 9.83
CIELCh	87, 10.412, 109.301
Yxy	69.8466, 0.3262, 0.3513
Android (android.graphics.Color)	4292598727 (0xFFDBDBC7)
YUV	216.7200, -8.7360, 1.9996
Hunter-Lab	83.5743, -7.7382, 13.0256

Details

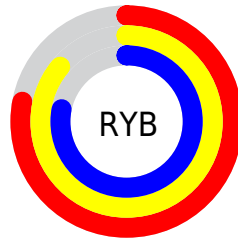
The YIQ color **216.7200, 6.4200, -6.2200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **201.2800, -6.4200, 6.2200**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **161.8340, 6.0990, -5.9090** is the 20% darker color. If you saturate the color by 10%, you get **214.2120, 13.4820, -13.0620**, and if you desaturate by 10%, it is **219.2280, -0.6420, 0.6220**.

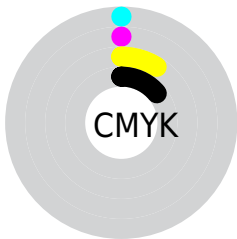
Distribution



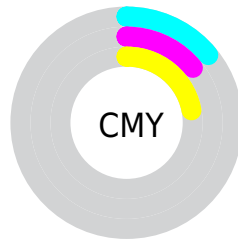
- Red (86%)
- Green (86%)
- Blue (78%)



- Red (78%)
- Yellow (86%)
- Blue (78%)



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (14%)



- Cyan (14%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.7200, 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 216.7200, 6.4200, -6.2200 by changing the saturation by 10% instead.

■ 216.7200, 6.4200,
-6.2200

■ 216.7200, 6.4200,
-6.2200

255.0000, -0.0000,
-0.0000

■ 188.8340, 6.0990,
-5.9090

■ 161.8340, 6.0990,
-5.9090

■ 135.8340, 6.0990,
-5.9090

■ 110.0620, 5.4570,
-5.2870

■ 86.0620, 5.4570,
-5.2870

■ 62.8770, 4.5400,
-5.1880

■ 40.9910, 4.2190,

-4.8770

■ 19.9050, 7.3370,
-6.3190

■ 0.0000, 0.0000,
0.0000

■ 216.7200, 6.4200,
-6.2200

■ 216.7200, 6.4200,
-6.2200

■ 214.2120, 13.4820,
-13.0620

■ 219.2280, -0.6420,
0.6220

■ 211.7040, 20.5440,
-19.9040

■ 221.7360, -7.7040,
7.4640

■ 209.1960, 27.6060,
-26.7460

■ 223.1040,
-11.5560, 11.1960

■ 206.6880, 34.6680,
-33.5880

■ 204.2940, 41.4090,
-40.1190

■ 201.7860, 48.4710,
-46.9610

■ 199.2780, 55.5330,
-53.8030

■ 196.7700, 62.5950,
-60.6450

■ 194.2620, 69.6570,
-67.4870

Harmonies

Analogous

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



218.1340, 14.1220, -2.6300



216.7200, 6.4200, -6.2200



215.8760, -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.



216.7200, 6.4200, -6.2200



215.0670, -19.3020, -2.6140



219.7290, 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.



216.7200, 6.4200, -6.2200



201.2800, -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.



219.2380, 2.5660, 8.5660



216.7200, 6.4200, -6.2200



217.1540, -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.



216.7200, 6.4200, -6.2200



214.7310, -18.4760, -6.5720



217.9810, -7.0160, 6.0080



219.4860, 16.3670, 6.2470

Rectangle

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



216.7200, 6.4200, -6.2200



214.9400, -8.9390, -8.7070



217.9810, -7.0160, 6.0080



220.0600, 8.9390, 8.7070

Sweetspot

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



216.7200, 6.4200, -6.2200



254.0880, 2.5680, -2.4880



204.9800, 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.



216.7200, 6.4200, -6.2200



251.8080, 8.9880, -8.7080



213.7300, 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.



201.2800, -6.4200, 6.2200



230.1920, -8.9880, 8.7080



204.2700, -0.4600, 8.3400



100.2540, -3.5310, 3.4210



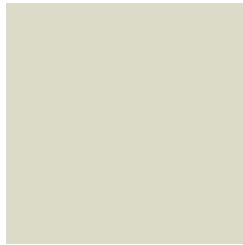
19.7220, -55.5330, 53.8030



5.2440, -14.7660, 14.3060

Previews

White Background



This preview shows how the YIQ color 216.7200, 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 216.7200, 6.4200, -6.2200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

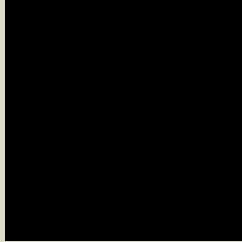
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

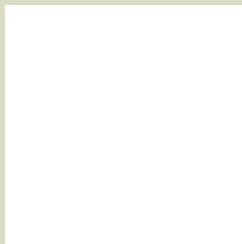
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 216.7200, 6.4200, -6.2200

Background



This preview shows how black text looks on a background with the YIQ color 216.7200, 6.4200, -6.2200.



This preview shows how white text looks on a background with the YIQ color 216.7200, 6.4200, -6.2200.

-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

216.7200, 6.4200, -6.2200

Protanopia

217.5250, 11.4630, -4.0010

Deuteranopia

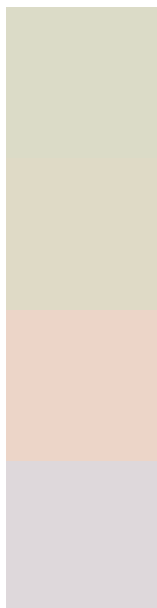
219.4390, 23.7490, 4.6210



Tritanopia

218.9280, 0.5030, 7.4070

Trichromacy



Original Color

216.7200, 6.4200, -6.2200

Protanomaly

217.2150, 9.4000, -5.1600

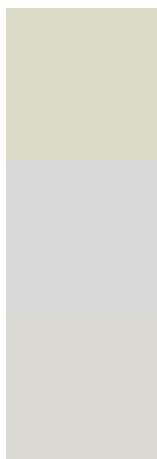
Deuteranomaly

218.3950, 17.8810, 0.8330

Tritanomaly

218.1360, 2.6130, 2.2050

Monochromacy



Original Color

216.7200, 6.4200, -6.2200

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

217.0880, 2.5680, -2.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.7200, 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(219, 219, 199)` looks like.

```
.text, #text, p{  
    color:rgb(219, 219, 199)  
}
```

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(219, 219, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 219, 199) }
```

Border

The CSS property to change the border of an element to YIQ 216.7200, 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(219, 219, 199) }
```


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

```
.border{ border-color:rgb(219, 219, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 219, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 219, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 219, 199);  
box-shadow:4px 4px 4px 4px rgb(219, 219,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 216.7200, 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(219, 219, 199) }
```

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

```
.background{ background-color: rgb(219,  
219, 199) }
```

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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