

Converting Colors

YIQ(212.6230, 8.0710, -8.6090)

Have a look what the booklet for
YIQ(212.6230, 8.0710, -8.6090)
contains.

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Color

**YIQ(212.6230, 8.0710,
-8.6090)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D8BD
RGB	215, 216, 189
RGB Percent	84%, 85%, 74%
CMY	0.1569, 0.1529, 0.2588
CMYK	0.00, 0.00, 0.12, 0.15
HSL	62°, 26%, 79%
HSV	62°, 12%, 85%
XYZ	61.7656, 67.2330, 57.8737
YIQ	212.6230, 8.0710, -8.6090

Conversions

Conversions Part 2

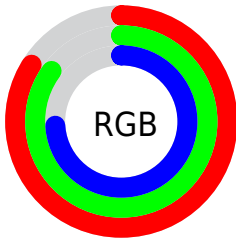
Format	Color
RYB	189, 216, 190
Decimal	14145725
CIELab	85.62, -4.94, 13.20
CIELCh	86, 14.095, 110.512
Yxy	67.2330, 0.3305, 0.3598
Android (android.graphics.Color)	4292335805 (0xFFD7D8BD)
YUV	212.6230, -11.6461, 2.0846
Hunter-Lab	81.9957, -9.0322, 15.5493

Details

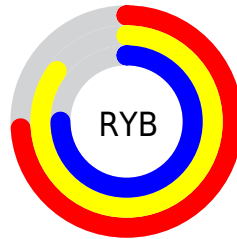
The YIQ color **212.6230, 8.0710, -8.6090** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **192.3770, -8.0710, 8.6090**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **253.8600, 3.2100, -3.1100**, and **157.8510, 7.4290, -7.9870** is the 20% darker color. If you saturate the color by 10%, you get **209.8160, 14.5370, -15.6630**, and if you desaturate by 10%, it is **215.4300, 1.6050, -1.5550**.

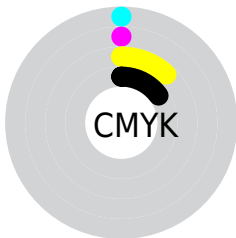
Distribution



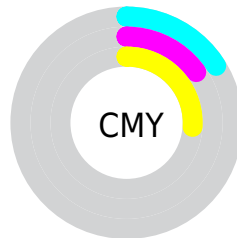
- Red (84%)
- Green (85%)
- Blue (74%)



- Red (74%)
- Yellow (85%)
- Blue (75%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.6230, 8.0710, -8.6090 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 212.6230, 8.0710, -8.6090 by changing the saturation by 10% instead.

■ 212.6230, 8.0710,
-8.6090

■ 212.6230, 8.0710,
-8.6090

255.0000, -0.0000,
-0.0000

■ 184.7370, 7.7500,
-8.2980

■ 253.8600, 3.2100,
-3.1100

■ 157.8510, 7.4290,
-7.9870

■ 131.8510, 7.4290,
-7.9870

■ 106.6660, 6.5120,
-7.8880

■ 82.1930, 6.4660,
-7.0540

■ 59.3070, 6.1450,
-6.7430

■ 38.0080, 5.5490,

-6.9550

■ 16.8230, 4.6320,
-6.8560

■ 0.0000, 0.0000,
0.0000

■ 212.6230, 8.0710,
-8.6090

■ 212.6230, 8.0710,
-8.6090

■ 209.8160, 14.5370,
-15.6630

■ 215.4300, 1.6050,
-1.5550

■ 207.1230, 20.6820,
-22.4060

■ 218.1230, -4.5400,
5.1880

■ 204.6150, 27.7440,
-29.2480

■ 220.6310,
-11.6020, 12.0300

■ 201.9220, 33.8890,
-35.9910

■ 221.0440,
-11.3270, 12.5530

■ 199.1150, 40.3550,
-43.0450

■ 221.3430,
-10.7310, 12.7650

■ 196.3080, 46.8210,
-50.0990

■ 221.6420,
-10.1350, 12.9770

■ 193.6150, 52.9660,
-56.8420

■ 221.9410, -9.5390,
13.1890

■ 191.1070, 60.0280,
-63.6840

■ 222.2400, -8.9430,
13.4010

■ 188.9840, 64.5680,
-68.8720

Harmonies

Analogous

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



214.3470, 17.8360, -3.8600



212.6230, 8.0710, -8.6090



211.3980, -4.5370, -11.3930

Triad

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



212.6230, 8.0710, -8.6090



210.5330, -26.5460, -3.4900



216.7620, 15.7700, 11.5620

Complementary

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



212.6230, 8.0710, -8.6090



192.3770, -8.0710, 8.6090

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.



216.3030, 3.9410, 11.1810



212.6230, 8.0710, -8.6090



212.4570, -20.2200, 3.0120

Square

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



212.6230, 8.0710, -8.6090



209.5560, -25.3530, -8.5930



214.7790, -9.2630, 8.1850



216.3620, 22.6480, 8.0560

Rectangle

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



212.6230, 8.0710, -8.6090



210.2060, -12.7440, -11.3360



214.7790, -9.2630, 8.1850



216.9080, 12.4230, 11.6470

Sweetspot

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



212.6230, 8.0710, -8.6090



253.8600, 3.2100, -3.1100



197.6600, 15.8170, 5.2010



126.9030, 1.6510, -2.3890



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.



212.6230, 8.0710, -8.6090



250.3690, 11.6020, -12.0300



208.7360, 0.3230, -11.3650



105.7460, 3.5310, -3.4210



149.4130, 50.7190, -54.6650



37.7990, 13.2070, -13.5850

Inverse Universe

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



192.3770, -8.0710, 8.6090



221.6310, -11.6020, 12.0300



196.2640, -0.3230, 11.3650



97.5530, -2.9350, 3.6330



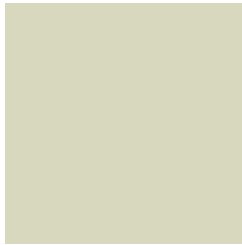
21.2880, -51.3150, 54.4530



5.5000, -12.6110, 13.7970

Previews

White Background



This preview shows how the YIQ color 212.6230, 8.0710, -8.6090 looks on a white background.

Color Contrast Check

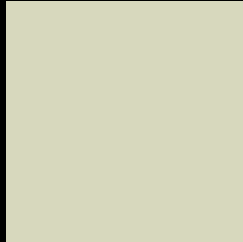
Large Text (above 18pt) WCAG AA × Fail

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 212.6230, 8.0710, -8.6090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

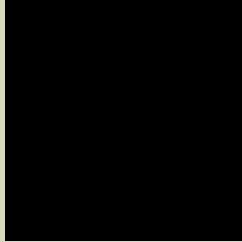
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

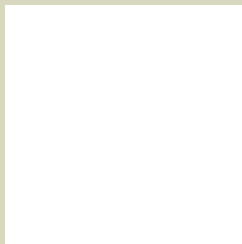
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 212.6230, 8.0710, -8.6090

Background



This preview shows how black text looks on a background with the YIQ color 212.6230, 8.0710, -8.6090.



This preview shows how white text looks on a background with the YIQ color 212.6230, 8.0710, -8.6090.

-8.6090.

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

212.6230, 8.0710, -8.6090

Protanopia

213.4390, 14.5810, -5.4430

Deuteranopia

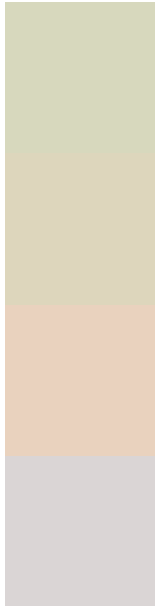
215.3530, 26.8670, 3.1790



Tritanopia

215.5150, 0.2280, 6.8840

Trichromacy



Original Color

212.6230, 8.0710, -8.6090

Protanomaly

213.1290, 12.5180, -6.6020

Deuteranomaly

214.5970, 20.1280, -1.3440

Tritanomaly

214.4950, 2.9800, 1.0600

Monochromacy



Original Color

212.6230, 8.0710, -8.6090

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.8600, 3.2100, -3.1100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.6230, 8.0710, -8.6090 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, 216, 189)` looks like.

```
.text, #text, p{  
    color:rgb(215, 216, 189)  
}
```

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, 216, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 216, 189) }
```

Border

The CSS property to change the border of an element to YIQ 212.6230, 8.0710, -8.6090 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, 216, 189) }
```


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

```
.border{ border-color:rgb(215, 216, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 216, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 216, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 216, 189);  
box-shadow:4px 4px 4px 4px rgb(215, 216,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 212.6230, 8.0710, -8.6090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 216, 189) }
```

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

```
.background{ background-color: rgb(215,  
216, 189) }
```

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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