

Converting Colors

YIQ(213.7170, 19.6700, -4.0580)

Have a look what the booklet for
YIQ(213.7170, 19.6700, -4.0580)
contains.

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Color

**YIQ(213.7170, 19.6700,
-4.0580)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D3B9
RGB	230, 211, 185
RGB Percent	90%, 83%, 73%
CMY	0.0980, 0.1726, 0.2744
CMYK	0.00, 0.08, 0.20, 0.10
HSL	35°, 47%, 81%
HSV	35°, 20%, 90%
XYZ	64.6874, 66.9126, 55.4188
YIQ	213.7170, 19.6700, -4.0580

Conversions

Conversions Part 2

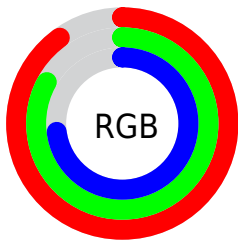
Format	Color
R _Y B	218, 230, 185
Decimal	15127481
CIE Lab	85.46, 2.48, 15.25
CIE LCh	85, 15.447, 80.754
Yxy	66.9126, 0.3459, 0.3578
Android (android.graphics.Color)	4293317561 (0xFFE6D3B9)
YUV	213.7170, -14.1575, 14.2802
Hunter-Lab	81.8001, -1.9928, 17.0916

Details

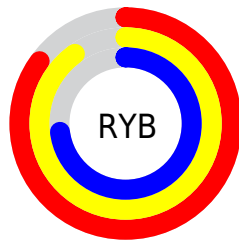
The YIQ color **213.7170, 19.6700, -4.0580** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **201.2830, -19.6700, 4.0580**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **253.4040, 4.4940, -4.3540**, and **159.2330, 18.1570, -4.1710** is the 20% darker color. If you saturate the color by 10%, you get **205.2250, 29.8030, -5.9810**, and if you desaturate by 10%, it is **222.2090, 9.5370, -2.1350**.

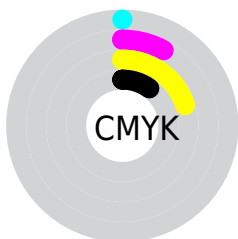
Distribution



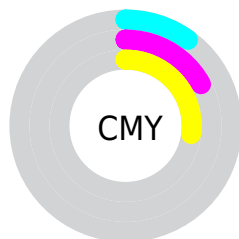
- Red (90%)
- Green (83%)
- Blue (73%)



- Red (85%)
- Yellow (90%)
- Blue (73%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (10%)





- Cyan (10%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 213.7170, 19.6700, -4.0580 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 213.7170, 19.6700, -4.0580 by changing the saturation by 10% instead.


 213.7170, 19.6700,
-4.0580


 213.7170, 19.6700,
-4.0580


255.0000, -0.0000,
-0.0000


 185.8310, 19.3490,
-3.7470


 253.4040, 4.4940,
-4.3540

 159.2330, 18.1570,
-4.1710

 133.0480, 17.2400,
-4.0720

 107.1620, 16.9190,
-3.7610

 82.9770, 16.0020,
-3.6620

 59.7920, 15.0850,
-3.5630

 38.3080, 13.5720,

-3.6760

■ 17.7640, 12.2880,
-2.4320

■ 0.0000, 0.0000,
0.0000

■ 213.7170, 19.6700,
-4.0580

■ 213.7170, 19.6700,
-4.0580

■ 205.2250, 29.8030,
-5.9810

■ 222.2090, 9.5370,
-2.1350

■ 197.3200, 39.6610,
-8.4270

■ 230.1140, -0.3210,
0.3110

■ 188.8280, 49.7940,
-10.3500

■ 238.6060,
-10.4540, 2.2340

■ 180.3360, 59.9270,
-12.2730

■ 244.5900,
-13.5250, -2.6850

■ 171.8440, 70.0600,
-14.1960

■ 247.5250,
-14.9000, -5.3000

■ 163.9390, 79.9180,
-16.6420

■ 155.4470, 90.0510,
-18.5650

■ 146.9550,
100.1840, -20.4880

■ 146.8410,
100.5050, -20.7990

Harmonies

Analogous

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



215.3420, 25.4000, 2.2320



213.7170, 19.6700, -4.0580



211.9820, 8.4380, -9.7540

Triad

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



213.7170, 19.6700, -4.0580



208.3600, -27.7370, -9.4410



216.1290, 4.4910, 12.2270

Complementary

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



213.7170, 19.6700, -4.0580



201.2830, -19.6700, 4.0580

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.



214.4200, -9.6300, 9.3300



213.7170, 19.6700, -4.0580



209.8640, -28.9760, -3.5040

Square

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



213.7170, 19.6700, -4.0580



208.7430, -18.7500, -12.6220



212.0870, -22.0540, 3.2100



216.7730, 17.2370, 12.5090

Rectangle

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



213.7170, 19.6700, -4.0580



211.0240, -0.5480, -12.1000



212.0870, -22.0540, 3.2100



215.6770, -0.0480, 11.8880

Sweetspot

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



213.7170, 19.6700, -4.0580



249.7680, 6.4650, -1.5270



200.7350, 20.4000, 15.7600



124.6260, 3.9890, -0.7070



0.0000, 0.0000, 0.0000



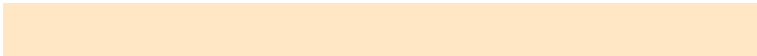
128.0000, -0.0000, -0.0000

Same Dimension

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



213.7170, 19.6700, -4.0580



233.5990, 25.8140, -5.2740



223.9730, 12.6570, -14.6310



110.6970, 5.2270, -1.1170



113.9820, 78.3590, -15.9210



32.2720, 22.4210, -4.3550

Inverse Universe

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



201.2830, -19.6700, 4.0580



217.4010, -25.8140, 5.2740



191.0270, -12.6570, 14.6310



107.3030, -5.2270, 1.1170



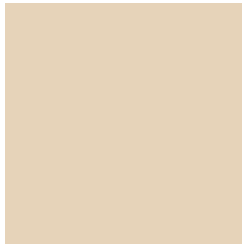
64.4310, -78.0840, 16.4440



18.7280, -22.4210, 4.3550

Previews

White Background



This preview shows how the YIQ color 213.7170, 19.6700, -4.0580 looks on a white background.

Color Contrast Check

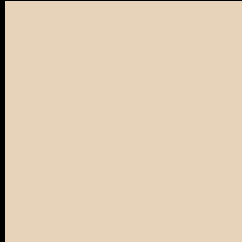
Large Text (above 18pt) WCAG AA × Fail

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 213.7170, 19.6700, -4.0580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

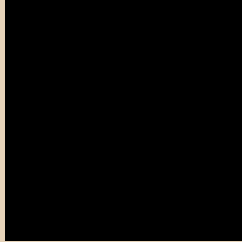
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

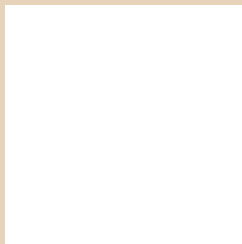
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 213.7170, 19.6700, -4.0580

Background



This preview shows how black text looks on a background with the YIQ color 213.7170, 19.6700, -4.0580.



This preview shows how white text looks on a background with the YIQ color 213.7170, 19.6700, -4.0580.

-4.0580.

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

213.7170, 19.6700, -4.0580

Protanopia

213.2110, 15.2230, -6.0650

Deuteranopia

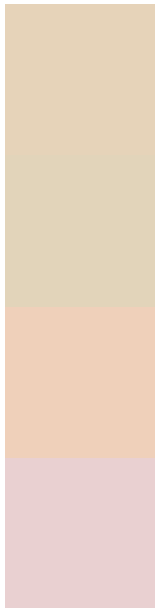
215.0820, 29.0680, 1.8360



Tritanopia

216.4950, 12.1480, 11.1240

Trichromacy



Original Color

213.7170, 19.6700, -4.0580

Protanomaly

213.2220, 16.6900, -5.1180

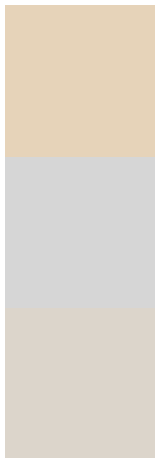
Deuteranomaly

214.7610, 25.5380, -0.2700

Tritanomaly

215.5890, 14.5790, 5.6110

Monochromacy



Original Color

213.7170, 19.6700, -4.0580

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.9530, 7.3820, -1.6260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.7170, 19.6700, -4.0580 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(230, 211, 185)` looks like.

```
.text, #text, p{  
    color:rgb(230, 211, 185)  
}
```

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(230, 211, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 211, 185) }
```

Border

The CSS property to change the border of an element to YIQ 213.7170, 19.6700, -4.0580 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(230, 211, 185) }
```


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

```
.border{ border-color:rgb(230, 211, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 211, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 211, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 211, 185);  
box-shadow:4px 4px 4px 4px rgb(230, 211,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 213.7170, 19.6700, -4.0580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 211, 185) }
```

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

```
.background{ background-color: rgb(230,  
211, 185) }
```

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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