

Converting Colors

YIQ(213.2040, 17.1010, 3.9570)

Have a look what the booklet for
YIQ(213.2040, 17.1010, 3.9570)
contains.

YIQ(213.2040, 17.1010, 3.9570)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(213.2040, 17.1010,
3.9570)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CEC9
RGB	232, 206, 201
RGB Percent	91%, 81%, 79%
CMY	0.0901, 0.1922, 0.2117
CMYK	0.00, 0.11, 0.13, 0.09
HSL	10°, 40%, 85%
HSV	10°, 13%, 91%
XYZ	65.8970, 65.5136, 64.4419
YIQ	213.2040, 17.1010, 3.9570

Conversions

Conversions Part 2

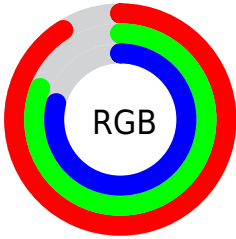
Format	Color
R _Y B	232, 207, 201
Decimal	15257289
CIE Lab	84.75, 8.28, 5.78
CIE LCh	85, 10.097, 34.950
Yxy	65.5136, 0.3365, 0.3345
Android (android.graphics.Color)	4293447369 (0xFFE8CEC9)
YUV	213.2040, -6.0166, 16.4841
Hunter-Lab	80.9404, 3.6786, 9.4538

Details

The YIQ color **213.2040, 17.1010, 3.9570** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **219.7960, -17.1010, -3.9570**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **158.6060, 15.9090, 3.5330** is the 20% darker color. If you saturate the color by 10%, you get **199.4290, 29.7090, 6.7410**, and if you desaturate by 10%, it is **226.9790, 4.4930, 1.1730**.

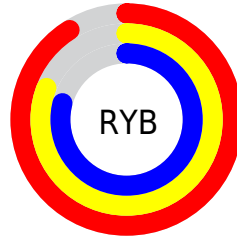
Distribution



Red (91%)

Green (81%)

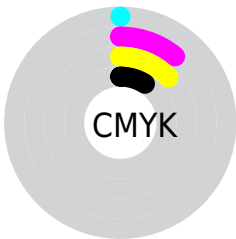
Blue (79%)



Red (91%)

Yellow (81%)

Blue (79%)

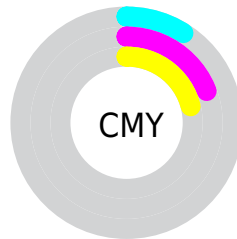


Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (9%)



Cyan (9%)


Magenta (19%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 213.2040, 17.1010, 3.9570 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 213.2040, 17.1010, 3.9570 by changing the saturation by 10% instead.


 213.2040, 17.1010,
3.9570


 213.2040, 17.1010,
3.9570


255.0000, -0.0000,
-0.0000


 185.3180, 16.7800,
4.2680

 158.6060, 15.9090,
3.5330

 132.3070, 15.3130,
3.3210

 107.1220, 14.3960,
3.4200

 82.8230, 13.8000,
3.2080

 59.5240, 13.2040,
2.9960

 37.9260, 12.0120,

2.5720

■ 15.5950, 14.4420,
2.5860

■ 0.0000, 0.0000,
0.0000

■ 213.2040, 17.1010,
3.9570

■ 213.2040, 17.1010,
3.9570

■ 199.4290, 29.7090,
6.7410

■ 226.9790, 4.4930,
1.1730

■ 185.0670, 42.5920,
10.0480

■ 241.3410, -8.3900,
-2.1340

■ 171.1780, 55.5210,
12.5210

■ 248.1230,
-13.7080, -4.8760

■ 156.8160, 68.4040,
15.8280

■ 143.0410, 81.0120,
18.6120

■ 128.6790, 93.8950,
21.9190

■ 114.9040,
106.5030, 24.7030

■ 100.4280,
119.7070, 27.6990

■ 91.0870, 128.0970,
29.8330

Harmonies

Analogous

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



213.6430, 14.4870, 7.2790



213.2040, 17.1010, 3.9570



212.1990, 15.4970, -0.0150

Triad

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



213.2040, 17.1010, 3.9570



209.4240, -7.4260, -8.5940



211.6600, -10.5460, 3.9020

Complementary

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



213.2040, 17.1010, 3.9570



219.7960, -17.1010, -3.9570

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.



210.2030, -16.6890, -0.4090



213.2040, 17.1010, 3.9570



208.4710, -14.8080, -6.9680

Square

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



213.2040, 17.1010, 3.9570



209.8550, 1.6060, -7.0820



208.8990, -18.8890, -4.5930



213.1450, -1.6060, 7.0820

Rectangle

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



213.2040, 17.1010, 3.9570



211.3510, 12.0130, -2.9550



208.8990, -18.8890, -4.5930



211.0510, -13.2050, 2.5310

Sweetspot

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



213.2040, 17.1010, 3.9570



248.5770, 5.6850, 1.5970



213.2330, 10.1300, 14.6580



123.6800, 3.8970, 0.9610



0.0000, 0.0000, 0.0000



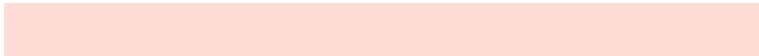
128.0000, -0.0000, -0.0000

Same Dimension

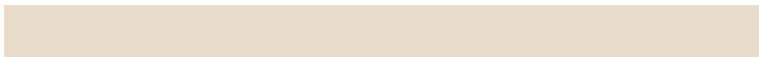
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.2040, 17.1010, 3.9570



230.3680, 22.5110, 5.0310



222.0090, 12.9760, -3.8880



107.7620, 6.6020, 1.4980



70.5440, 98.7090, 22.7810



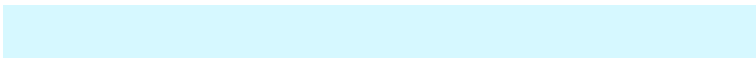
19.9450, 28.1960, 6.6280

Inverse Universe

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



219.7960, -17.1010, -3.9570



238.6320, -22.5110, -5.0310



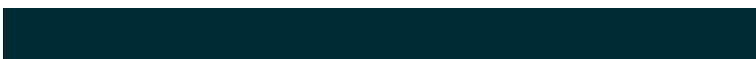
210.9910, -12.9760, 3.8880



110.2380, -6.6020, -1.4980



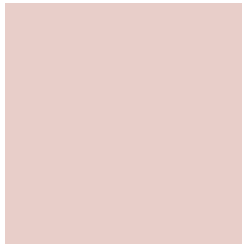
108.4560, -98.7090, -22.7810



31.0550, -28.1960, -6.6280

Previews

White Background



This preview shows how the YIQ color 213.2040, 17.1010, 3.9570 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 213.2040, 17.1010, 3.9570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

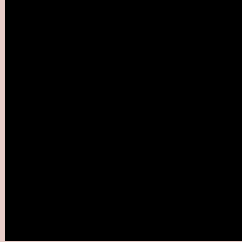
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.2040, 17.1010, 3.9570

Background



This preview shows how black text looks on a background with the YIQ color 213.2040, 17.1010, 3.9570.



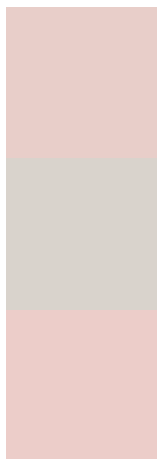
This preview shows how white text looks on a background with the YIQ color 213.2040, 17.1010,

3.9570.

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

213.2040, 17.1010, 3.9570

Protanopia

211.9960, 5.8230, -0.9050

Deuteranopia

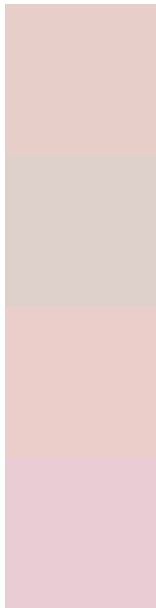
213.8130, 19.7600, 5.3280



Tritanopia

214.0930, 13.3400, 11.5480

Trichromacy



Original Color

213.2040, 17.1010, 3.9570

Protanomaly

212.2030, 9.6740, 0.8900

Deuteranomaly

213.5140, 19.1640, 5.1160

Tritanomaly

213.5830, 14.7160, 8.6360

Monochromacy



Original Color

213.2040, 17.1010, 3.9570

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.8760, 6.2810, 1.8090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.2040, 17.1010, 3.9570 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(232, 206, 201)` looks like.

```
.text, #text, p{  
    color:rgb(232, 206, 201)  
}
```

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(232, 206, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 206, 201) }
```

Border

The CSS property to change the border of an element to YIQ 213.2040, 17.1010, 3.9570 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(232, 206, 201) }
```


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

```
.border{ border-color:rgb(232, 206, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 206, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 206, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 206, 201);  
box-shadow:4px 4px 4px 4px rgb(232, 206,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 213.2040, 17.1010, 3.9570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 206, 201) }
```

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

```
.background{ background-color: rgb(232,  
206, 201) }
```

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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