

Converting Colors

YIQ(200.0060, 43.4210,
-10.4910)

Have a look what the booklet for
YIQ(200.0060, 43.4210, -10.4910)
contains.

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Color

**YIQ(200.0060, 43.4210,
-10.4910)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC386
RGB	235, 195, 134
RGB Percent	92%, 76%, 53%
CMY	0.0784, 0.2353, 0.4743
CMYK	0.00, 0.17, 0.43, 0.08
HSL	36°, 72%, 72%
HSV	36°, 43%, 92%
XYZ	58.0841, 58.4100, 30.7876
YIQ	200.0060, 43.4210, -10.4910

Conversions

Conversions Part 2

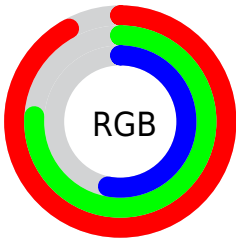
Format	Color
R _{YB}	200, 235, 134
Decimal	15451014
CIE _{Lab}	80.97, 6.35, 35.91
CIE _{LCh}	81, 36.468, 79.980
Y _{xy}	58.4100, 0.3944, 0.3966
Android (android.graphics.Color)	4293641094 (0xFFEBC386)
YUV	200.0060, -32.5410, 30.6897
Hunter-Lab	76.4265, 1.9135, 29.6141

Details

The YIQ color $200.0060, 43.4210, -10.4910$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $168.9940, -43.4210, 10.4910$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $245.0140, 22.6070, -18.7450$, and $145.1520, 40.0740, -10.4060$ is the 20% darker color. If you saturate the color by 10%, you get $192.1010, 53.2790, -12.9370$, and if you desaturate by 10%, it is $208.0250, 33.2420, -7.7340$.

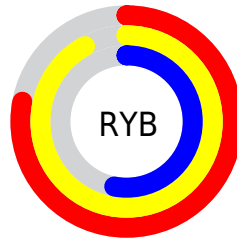
Distribution



Red (92%)

Green (76%)

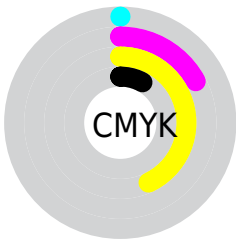
Blue (53%)



Red (78%)

Yellow (92%)

Blue (53%)

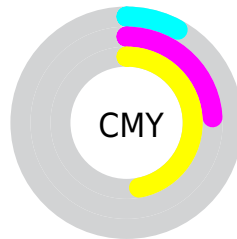


Cyan (0%)

Magenta (17%)

Yellow (43%)

Black (8%)



Cyan (8%)


Magenta (24%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 200.0060, 43.4210, -10.4910 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 200.0060, 43.4210, -10.4910 by changing the saturation by 10% instead.


 200.0060, 43.4210,
-10.4910


 200.0060, 43.4210,
-10.4910


255.0000, -0.0000,
-0.0000

 172.5220, 41.9080,
-10.6040


 245.0140, 22.6070,
-18.7450


 145.1520, 40.0740,
-10.4060


 250.5540, 12.5190,
-12.1290

 119.3690, 37.9650,
-10.7310

 253.8600, 3.2100,
-3.1100

 93.9990, 36.1310,
-10.5330

 69.8740, 34.9850,
-11.7910

 48.2310, 29.6660,
-9.0060

 28.1300, 19.9450,

-3.5350

■ 5.6810, 11.3240,
4.0280

■ 0.0000, 0.0000,
0.0000

■ 200.0060, 43.4210,
-10.4910

■ 200.0060, 43.4210,
-10.4910

■ 192.1010, 53.2790,
-12.9370

■ 208.0250, 33.2420,
-7.7340

■ 183.4950, 63.7330,
-15.1710

■ 216.5170, 23.1090,
-5.8110

■ 175.5900, 73.5910,
-17.6170

■ 224.5360, 12.9300,
-3.0540

■ 167.5710, 83.7700,
-20.3740

■ 232.4410, 3.0720,
-0.6080

■ 159.0790, 93.9030,
-22.2970

■ 241.0470, -7.3820,
1.6260

■ 153.6190,
101.0100, -24.4460

■ 246.6720,
-10.8200, -2.1480

■ 249.0200,
-11.9200, -4.2400

Harmonies

Analogous

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



201.3530, 53.2300, 4.4780



200.0060, 43.4210, -10.4910



196.5250, 19.4900, -22.8300

Triad

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



200.0060, 43.4210, -10.4910



181.1730, -79.0390, -26.8390



205.6050, 9.6230, 29.3590

Complementary

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



200.0060, 43.4210, -10.4910



168.9940, -43.4210, 10.4910

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.



200.9320, -22.5150, 17.0770



200.0060, 43.4210, -10.4910



183.6260, -84.2680, -14.6680

Square

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



200.0060, 43.4210, -10.4910



186.4630, -47.8610, -30.2050



192.1290, -57.4030, -0.4350



203.9530, 34.8860, 28.5660

Rectangle

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



200.0060, 43.4210, -10.4910



193.9400, -0.9120, -27.5360



192.1290, -57.4030, -0.4350



204.9780, -1.7930, 26.9990

Sweetspot

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



200.0060, 43.4210, -10.4910



243.6070, 14.1680, -3.4640



168.7590, 47.3560, 33.8520



120.3230, 9.2160, -1.8240



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.



200.0060, 43.4210, -10.4910



208.7270, 57.2680, -13.6440



220.4960, 26.4610, -33.5310



113.3980, 4.6310, -1.3290



118.1020, 77.9010, -18.6350



34.9300, 23.3840, -5.2880

Inverse Universe

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



168.9940, -43.4210, 10.4910



168.2730, -57.2680, 13.6440



148.5040, -26.4610, 33.5310



109.6020, -4.6310, 1.3290



62.8980, -77.9010, 18.6350



18.4830, -23.1090, 5.8110

Previews

White Background



This preview shows how the YIQ color 200.0060, 43.4210, -10.4910 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 200.0060, 43.4210, -10.4910 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 200.0060, 43.4210, -10.4910

Background



This preview shows how black text looks on a background with the YIQ color 200.0060, 43.4210, -10.4910.



This preview shows how white text looks on a background with the YIQ color 200.0060, 43.4210, -10.4910.

-10.4910.

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

200.0060, 43.4210, -10.4910

Protanopia

198.7870, 30.6760, -16.3000

Deuteranopia

200.1530, 47.5010, -7.3390



Tritanopia

204.4540, 28.5610, 16.5370

Trichromacy



Original Color

200.0060, 43.4210, -10.4910

Protanomaly

199.2930, 35.1230, -14.2930

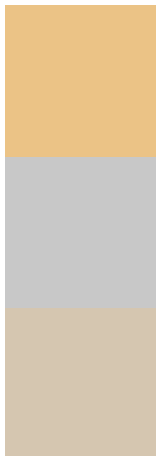
Deuteranomaly

200.1420, 46.0340, -8.2860

Tritanomaly

202.5820, 33.6520, 6.8680

Monochromacy



Original Color

200.0060, 43.4210, -10.4910

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.9770, 16.0020, -3.6620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.0060, 43.4210, -10.4910 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(235, 195, 134)` looks like.

```
.text, #text, p{  
    color:rgb(235, 195, 134)  
}
```

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(235, 195, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 195, 134) }
```

Border

The CSS property to change the border of an element to YIQ 200.0060, 43.4210, -10.4910 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(235, 195, 134) }
```


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

```
.border{ border-color:rgb(235, 195, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 195, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 195, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 195, 134);  
box-shadow:4px 4px 4px 4px rgb(235, 195,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 200.0060, 43.4210, -10.4910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 195, 134) }
```

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

```
.background{ background-color: rgb(235,  
195, 134) }
```

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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