

# Converting Colors

YIQ(200.1920, 34.5700, 1.2420)

Have a look what the booklet for  
YIQ(200.1920, 34.5700, 1.2420)  
contains.

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# Color

**YIQ(200.1920, 34.5700,  
1.2420)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EABEA4
RGB	234, 190, 164
RGB Percent	92%, 75%, 64%
CMY	0.0823, 0.2550, 0.3567
CMYK	0.00, 0.19, 0.30, 0.08
HSL	22°, 63%, 78%
HSV	22°, 30%, 92%
XYZ	59.0530, 56.9969, 43.0300
YIQ	200.1920, 34.5700, 1.2420

# Conversions

## Conversions Part 2

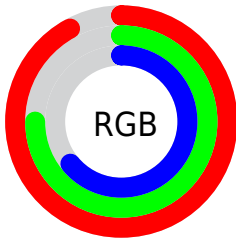
Format	Color
R <sub>Y</sub> B	234, 205, 164
Decimal	15384228
CIE Lab	80.18, 12.09, 19.06
CIE LCh	80, 22.567, 57.606
Yxy	56.9969, 0.3712, 0.3583
Android (android.graphics.Color)	4293574308 (0xFFEABEA4)
YUV	200.1920, -17.8427, 29.6496
Hunter-Lab	75.4963, 7.5037, 19.0543

# Details

The YIQ color  $200.1920, 34.5700, 1.2420$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $197.8080, -34.5700, -1.2420$ , and the grayscale version is  $200.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $245.6130, 14.0310, -6.4890$ , and  $146.1100, 31.8650, 0.7050$  is the 20% darker color. If you saturate the color by 10%, you get  $188.7650, 46.0780, 1.9340$ , and if you desaturate by 10%, it is  $211.6190, 23.0620, 0.5500$ .

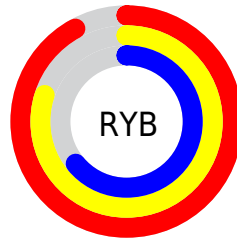
# Distribution



Red (92%)

Green (75%)

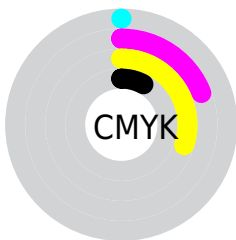
Blue (64%)



Red (92%)

Yellow (80%)

Blue (64%)

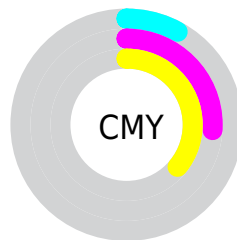


Cyan (0%)

Magenta (19%)

Yellow (30%)

Black (8%)



Cyan (8%)

Magenta (26%)


Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 200.1920, 34.5700, 1.2420 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 200.1920, 34.5700, 1.2420 by changing the saturation by 10% instead.





 200.1920, 34.5700,  
1.2420


 200.1920, 34.5700,  
1.2420


255.0000, -0.0000,  
-0.0000


 172.7080, 33.0570,  
1.1290


 245.6130, 14.0310,  
-6.4890


 146.1100, 31.8650,  
0.7050

 254.2020, 2.2470,  
-2.1770

 120.0390, 30.6270,  
1.1150

 95.1420, 28.8390,  
0.4790

 70.7720, 27.0050,  
0.6770

 47.9890, 24.8960,  
0.3520

 26.3910, 23.7040,

-0.0720

■ 7.4750, 14.9000,  
5.3000

■ 0.0000, 0.0000,  
0.0000

■ 200.1920, 34.5700,  
1.2420

■ 200.1920, 34.5700,  
1.2420

■ 188.7650, 46.0780,  
1.9340

■ 211.6190, 23.0620,  
0.5500

■ 177.8110, 57.6320,  
1.7920

■ 222.5730, 11.5080,  
0.6920

■ 166.3840, 69.1400,  
2.4840

■ 234.0000, -0.0000,  
0.0000

■ 154.8430, 80.9690,  
2.8650

■ 245.1990,  
-10.8660, -1.3140

■ 143.4160, 92.4770,  
3.5570

■ 248.7210,  
-12.5160, -4.4520

■ 132.5760,  
103.7100, 3.7260

■ 121.0350,  
115.5390, 4.1070

# Harmonies

## Analogous

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



201.4730, 35.5770, 10.5290



200.1920, 34.5700, 1.2420



198.4200, 24.7600, -8.2000

# Triad

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



200.1920, 34.5700, 1.2420



191.0510, -31.5410, -17.5970



200.5820, -9.9060, 14.3340

# Complementary

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



200.1920, 34.5700, 1.2420



197.8080, -34.5700, -1.2420

# 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.



196.7750, -29.8030, 5.9810



200.1920, 34.5700, 1.2420



190.2810, -43.6920, -12.1400

# Square

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



200.1920, 34.5700, 1.2420



192.9900, -12.3760, -18.0080



192.7360, -43.2350, -3.8990



202.9390, 11.1380, 18.4180



# Rectangle

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



200.1920, 34.5700, 1.2420



196.5110, 14.0780, -12.8500



192.7360, -43.2350, -3.8990



199.4070, -16.7830, 12.3130

# Sweetspot

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



200.1920, 34.5700, 1.2420



244.1600, 11.2330, 0.1690



189.9460, 27.5960, 28.5240



121.0070, 7.2900, 0.0420



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.



200.1920, 34.5700, 1.2420



210.4660, 45.4820, 1.7220



220.7370, 24.9450, -17.0630



111.6370, 5.4560, 0.2400



93.4480, 89.4510, 3.3310



27.8860, 26.6840, 0.9880

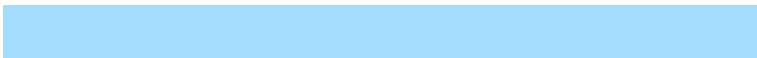


# Inverse Universe

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



197.8080, -34.5700, -1.2420



207.5340, -45.4820, -1.7220



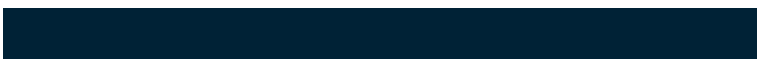
177.2630, -24.9450, 17.0630



111.3630, -5.4560, -0.2400



87.5520, -89.4510, -3.3310



26.1140, -26.6840, -0.9880



# Previews

## White Background



This preview shows how the YIQ color 200.1920, 34.5700, 1.2420 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

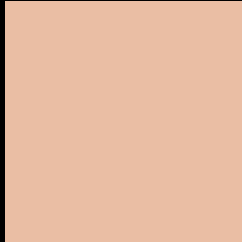
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 200.1920, 34.5700, 1.2420 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

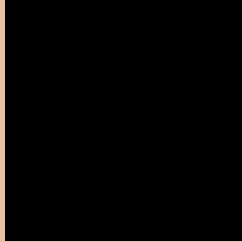
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 200.1920, 34.5700, 1.2420

## Background



This preview shows how black text looks on a background with the YIQ color 200.1920, 34.5700, 1.2420.



This preview shows how white text looks on a background with the YIQ color 200.1920, 34.5700,

1.2420.

# 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

200.1920, 34.5700, 1.2420

### Protanopia

198.7550, 16.5070, -7.3090

### Deuteranopia

199.8820, 32.5070, 0.0830



## Tritanopia

202.4430, 27.0940, 15.5900

# Trichromacy



**Original Color**

200.1920, 34.5700, 1.2420

**Protanomaly**

199.5710, 23.0170, -4.1430

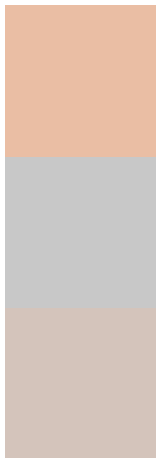
**Deuteranomaly**

200.1810, 33.1030, 0.2950

**Tritanomaly**

201.8360, 30.1210, 10.2890

# Monochromacy



**Original Color**

200.1920, 34.5700, 1.2420

**Achromatopsia**

200.0000, -0.0000, -0.0000

**Achromatomaly**

199.7580, 12.4250, 0.5930

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 200.1920, 34.5700, 1.2420 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(234, 190, 164)` looks like.

```
.text, #text, p{  
    color:rgb(234, 190, 164)  
}
```

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(234, 190, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 190, 164) }
```

## Border

The CSS property to change the border of an element to YIQ 200.1920, 34.5700, 1.2420 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(234, 190, 164) }
```



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

```
.border{ border-color:rgb(234, 190, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 190, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 190, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 190, 164); box-shadow:4px 4px 4px 4px rgb(234, 190, 164) }
```

# Background

The CSS property to change the background color of an element to YIQ 200.1920, 34.5700, 1.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 190, 164) }
```

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

```
.background{ background-color: rgb(234,  
190, 164) }
```

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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