

# Converting Colors

YIQ(202.3030, 21.1360, 2.4160)

Have a look what the booklet for  
YIQ(202.3030, 21.1360, 2.4160)  
contains.

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# Color

**YIQ(202.3030, 21.1360,  
2.4160)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E0C3B7
RGB	224, 195, 183
RGB Percent	88%, 76%, 72%
CMY	0.1215, 0.2353, 0.2823
CMYK	0.00, 0.13, 0.18, 0.12
HSL	18°, 40%, 80%
HSV	18°, 18%, 88%
XYZ	58.8074, 58.2944, 52.9652
YIQ	202.3030, 21.1360, 2.4160

# Conversions

## Conversions Part 2

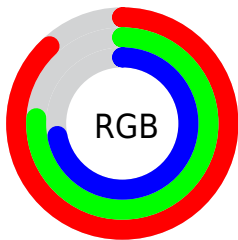
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	224, 200, 183
Decimal	14730167
CIE Lab	80.90, 8.38, 9.78
CIE LCh	81, 12.877, 49.426
Yxy	58.2944, 0.3458, 0.3428
Android (android.graphics.Color)	4292920247 (0xFFE0C3B7)
YUV	202.3030, -9.5164, 19.0283
Hunter-Lab	76.3508, 3.8716, 12.3156

# Details

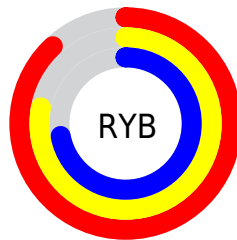
The YIQ color  $202.3030, 21.1360, 2.4160$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $204.6970, -21.1360, -2.4160$ , and the grayscale version is  $202.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $251.4150, 5.9610, -3.4070$ , and  $147.8190, 19.6230, 2.3030$  is the 20% darker color. If you saturate the color by 10%, you get  $190.4030, 32.5980, 3.9420$ , and if you desaturate by 10%, it is  $214.2030, 9.6740, 0.8900$ .

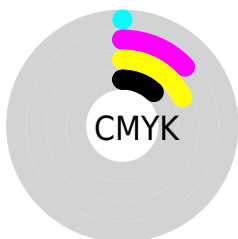
# Distribution



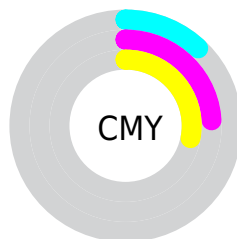
- Red (88%)
- Green (76%)
- Blue (72%)



- Red (88%)
- Yellow (78%)
- Blue (72%)



- Cyan (0%)
- Magenta (13%)
- Yellow (18%)
- Black (12%)




- Cyan (12%)
- Magenta (24%)
- Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 202.3030, 21.1360, 2.4160 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 202.3030, 21.1360, 2.4160 by changing the saturation by 10% instead.




 202.3030, 21.1360,  
2.4160


 202.3030, 21.1360,  
2.4160


255.0000, -0.0000,  
-0.0000


 175.0040, 20.5400,  
2.2040


 251.4150, 5.9610,  
-3.4070

 147.8190, 19.6230,  
2.3030

 122.5200, 19.0270,  
2.0910

 97.3350, 18.1100,  
2.1900

 73.7370, 16.9180,  
1.7660

 50.5520, 16.0010,  
1.8650

 29.5410, 14.5340,

0.9180

■ 6.5780, 13.1120,  
4.6640

■ 0.0000, 0.0000,  
0.0000

■ 202.3030, 21.1360,  
2.4160

■ 202.3030, 21.1360,  
2.4160

■ 190.4030, 32.5980,  
3.9420

■ 214.2030, 9.6740,  
0.8900

■ 178.3890, 44.3810,  
5.1570

■ 226.2170, -2.1090,  
-0.3250

■ 166.4890, 55.8430,  
6.6830

■ 238.1170,  
-13.5710, -1.8510

■ 155.0620, 67.3510,  
7.3750

■ 245.7310,  
-18.4760, -6.5720

■ 143.1620, 78.8130,  
8.9010

■ 131.2620, 90.2750,  
10.4270

■ 119.2480,  
102.0580, 11.6420

■ 107.3480,  
113.5200, 13.1680

■ 105.1310,  
115.6290, 13.4930

# Harmonies

## Analogous

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



203.1660, 20.2640, 7.2080



202.3030, 21.1360, 2.4160



201.2760, 16.5980, -3.4500

# Triad

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



202.3030, 21.1360, 2.4160



197.3630, -14.6240, -10.3040



201.4370, -8.3000, 7.2520

# Complementary

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



202.3030, 21.1360, 2.4160



204.6970, -21.1360, -2.4160

# 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.



199.4140, -18.6610, 2.2910



202.3030, 21.1360, 2.4160



196.9370, -22.0520, -7.8440

# Square

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



202.3030, 21.1360, 2.4160



198.2240, -3.9870, -10.3470



197.6150, -23.8410, -2.9530



202.8900, 3.6660, 10.6580



# Rectangle

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



202.3030, 21.1360, 2.4160



200.0580, 11.2800, -6.1920



197.6150, -23.8410, -2.9530



201.2300, -12.1510, 5.4570

# Sweetspot

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



202.3030, 21.1360, 2.4160



248.2350, 6.6480, 0.6640



198.5650, 15.1270, 17.7110



123.5660, 4.2180, 0.6500



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

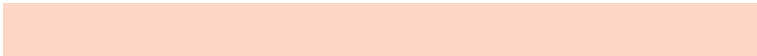


# Same Dimension

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



202.3030, 21.1360, 2.4160



225.1360, 28.9760, 3.5040



214.0430, 15.6360, -8.0440



106.0500, 5.7310, 0.7630



82.5610, 90.8710, 10.6390



22.5700, 24.7580, 2.8540

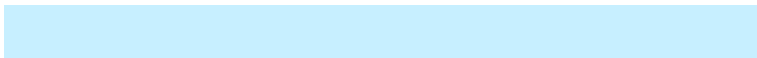


# Inverse Universe

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



204.6970, -21.1360, -2.4160



228.8640, -28.9760, -3.5040



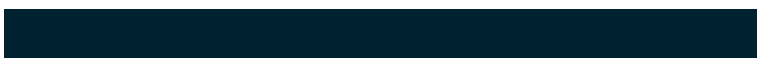
192.9570, -15.6360, 8.0440



106.9500, -5.7310, -0.7630



93.4390, -90.8710, -10.6390



25.4300, -24.7580, -2.8540



# Previews

## White Background



This preview shows how the YIQ color 202.3030, 21.1360, 2.4160 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 202.3030, 21.1360, 2.4160 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

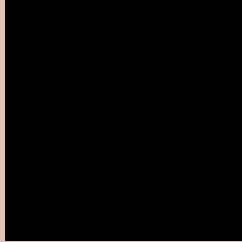
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 202.3030, 21.1360, 2.4160

## Background



This preview shows how black text looks on a background with the YIQ color 202.3030, 21.1360, 2.4160.



This preview shows how white text looks on a background with the YIQ color 202.3030, 21.1360,

2.4160.

# 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

202.3030, 21.1360, 2.4160

### Protanopia

200.7960, 9.2620, -2.6580

### Deuteranopia

202.6130, 23.1990, 3.5750



## Tritanopia

203.4740, 16.6410, 12.2970

# Trichromacy



## Original Color

202.3030, 21.1360, 2.4160

## Protanomaly

201.3020, 13.7090, -0.6510

## Deuteranomaly

202.3140, 22.6030, 3.3630

## Tritanomaly

202.8500, 18.3380, 9.0740

# Monochromacy



## Original Color

202.3030, 21.1360, 2.4160

## Achromatopsia

202.0000, -0.0000, 0.0000

## Achromatomaly

201.8330, 7.8400, 1.0880

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 202.3030, 21.1360, 2.4160 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(224, 195, 183)` looks like.

```
.text, #text, p{  
    color:rgb(224, 195, 183)  
}
```

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(224, 195, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 195, 183) }
```

## Border

The CSS property to change the border of an element to YIQ 202.3030, 21.1360, 2.4160 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(224, 195, 183) }
```



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

```
.border{ border-color:rgb(224, 195, 183) }
```

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

Here you see how a box with a 4 pixel rgb(224, 195, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 195, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 195, 183);  
box-shadow:4px 4px 4px 4px rgb(224, 195,  
183) }
```

# Background

The CSS property to change the background color of an element to YIQ 202.3030, 21.1360, 2.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 195, 183) }
```

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

```
.background{ background-color: rgb(224,  
195, 183) }
```

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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