

# Converting Colors

YIQ(200.5550, 29.1140, 1.0020)

Have a look what the booklet for  
YIQ(200.5550, 29.1140, 1.0020)  
contains.

<b>YIQ(200.5550, 29.1140, 1.0020)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(200.5550, 29.1140,  
1.0020)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5C0AA
RGB	229, 192, 170
RGB Percent	90%, 75%, 67%
CMY	0.1019, 0.2471, 0.3332
CMYK	0.00, 0.16, 0.26, 0.10
HSL	22°, 53%, 78%
HSV	22°, 26%, 90%
XYZ	58.4243, 57.2571, 46.0194
YIQ	200.5550, 29.1140, 1.0020

# Conversions

## Conversions Part 2

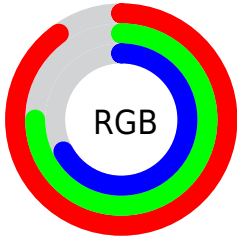
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 205, 170
Decimal	15057066
CIE Lab	80.32, 9.94, 15.98
CIE LCh	80, 18.823, 58.123
Yxy	57.2571, 0.3613, 0.3541
Android (android.graphics.Color)	4293247146 (0xFFE5C0AA)
YUV	200.5550, -15.0636, 24.9463
Hunter-Lab	75.6684, 5.4017, 16.9094

# Details

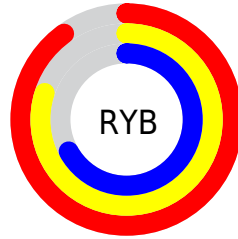
The YIQ color **200.5550, 29.1140, 1.0020** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **198.4450, -29.1140, -1.0020**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **247.4710, 11.5550, -5.6690**, and **146.7720, 27.0050, 0.6770** is the 20% darker color. If you saturate the color by 10%, you get **189.7150, 40.3470, 1.1710**, and if you desaturate by 10%, it is **211.3950, 17.8810, 0.8330**.

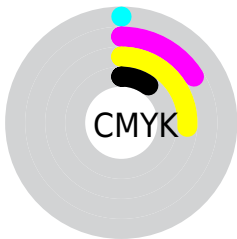
# Distribution



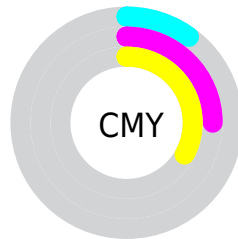
- Red (90%)
- Green (75%)
- Blue (67%)



- Red (90%)
- Yellow (80%)
- Blue (67%)



- Cyan (0%)
- Magenta (16%)
- Yellow (26%)
- Black (10%)




- Cyan (10%)
- Magenta (25%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 200.5550, 29.1140, 1.0020 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 200.5550, 29.1140, 1.0020 by changing the saturation by 10% instead.




 200.5550, 29.1140,  
1.0020

 200.5550, 29.1140,  
1.0020


255.0000, -0.0000,  
-0.0000


 173.3700, 28.1970,  
1.1010


 247.4710, 11.5550,  
-5.6690


 146.7720, 27.0050,  
0.6770

254.8860, 0.3210,  
-0.3110

 120.5870, 26.0880,  
0.7760

 95.6900, 24.3000,  
0.1400

 71.6190, 23.0620,  
0.5500

 48.8360, 20.9530,  
0.2250

 26.6680, 21.3660,

-1.7540

■ 6.8770, 13.7080,  
4.8760

■ 0.0000, 0.0000,  
0.0000

■ 200.5550, 29.1140,  
1.0020

■ 200.5550, 29.1140,  
1.0020

■ 189.7150, 40.3470,  
1.1710

■ 211.3950, 17.8810,  
0.8330

■ 178.2880, 51.8550,  
1.8630

■ 222.8220, 6.3730,  
0.1410

■ 167.4480, 63.0880,  
2.0320

■ 233.6620, -4.8600,  
-0.0280

■ 156.0210, 74.5960,  
2.7240

■ 244.2910,  
-14.1210, -2.8970

■ 145.2950, 85.5080,  
3.2040

■ 247.2260,  
-15.4960, -5.5120

■ 134.4550, 96.7410,  
3.3730

■ 123.0280,  
108.2490, 4.0650

■ 118.3660,  
113.1090, 4.0930

# Harmonies

## Analogous

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



201.7820, 30.2130, 8.6210



200.5550, 29.1140, 1.0020



198.9080, 20.4500, -7.1820

# Triad

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



200.5550, 29.1140, 1.0020



192.6820, -25.9480, -14.3320



200.7840, -7.6590, 12.1570

# Complementary

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



200.5550, 29.1140, 1.0020



198.4450, -29.1140, -1.0020

# 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.



197.8850, -24.3010, 5.3870



200.5550, 29.1140, 1.0020



192.9400, -35.3020, -10.0060

# Square

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



200.5550, 29.1140, 1.0020



194.3540, -10.4050, -15.1810



194.7540, -34.4780, -2.9100



202.4610, 9.4880, 15.2800



# Rectangle

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



200.5550, 29.1140, 1.0020



197.3090, 11.8310, -10.6730



194.7540, -34.4780, -2.9100



200.0930, -13.0230, 10.2490

# Sweetspot

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



200.5550, 29.1140, 1.0020



245.0890, 9.9950, 0.5790



191.8590, 23.2870, 24.0150



121.2350, 6.6480, 0.6640



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.



200.5550, 29.1140, 1.0020



216.6440, 39.1090, 1.5810



217.5780, 21.1390, -14.1650



109.5230, 5.7770, -0.0710



92.2630, 88.5340, 3.4300



26.4020, 25.1710, 0.8750

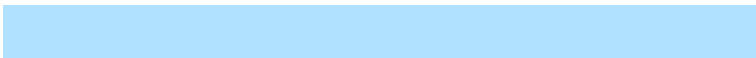


# Inverse Universe

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



198.4450, -29.1140, -1.0020



214.3560, -39.1090, -1.5810



181.4220, -21.1390, 14.1650



108.4770, -5.7770, 0.0710



86.1500, -88.2590, -2.9070



24.5980, -25.1710, -0.8750



# Previews

## White Background



This preview shows how the YIQ color 200.5550, 29.1140, 1.0020 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

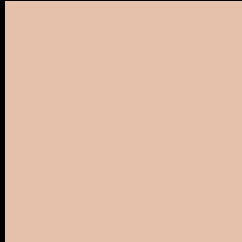
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 200.5550, 29.1140, 1.0020 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

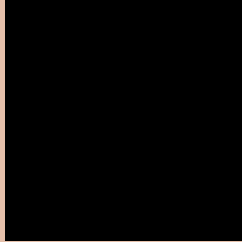
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 200.5550, 29.1140, 1.0020

## Background



This preview shows how black text looks on a background with the YIQ color 200.5550, 29.1140, 1.0020.



This preview shows how white text looks on a background with the YIQ color 200.5550, 29.1140,



# 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

200.5550, 29.1140, 1.0020

### Protanopia

199.1400, 13.9850, -5.6550

### Deuteranopia

200.5550, 29.1140, 1.0020



## Tritanopia

202.4640, 22.6010, 14.4170

# Trichromacy



## Original Color

200.5550, 29.1140, 1.0020

## Protanomaly

199.3580, 19.3030, -2.9130

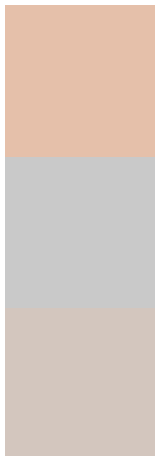
## Deuteranomaly

200.5550, 29.1140, 1.0020

## Tritanomaly

201.9710, 25.3070, 9.4270

# Monochromacy



## Original Color

200.5550, 29.1140, 1.0020

## Achromatopsia

201.0000, -0.0000, 0.0000

## Achromatomaly

200.9750, 10.3160, 0.2680

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 200.5550, 29.1140, 1.0020 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(229, 192, 170)` looks like.

```
.text, #text, p{  
    color:rgb(229, 192, 170)  
}
```

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(229, 192, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 192, 170) }
```

## Border

The CSS property to change the border of an element to YIQ 200.5550, 29.1140, 1.0020 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(229, 192, 170) }
```



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

```
.border{ border-color:rgb(229, 192, 170) }
```

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

Here you see how a box with a 4 pixel rgb(229, 192, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 192, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 192, 170);  
box-shadow:4px 4px 4px 4px rgb(229, 192,  
170) }
```

# Background

The CSS property to change the background color of an element to YIQ 200.5550, 29.1140, 1.0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 192, 170) }
```

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

```
.background{ background-color: rgb(229,  
192, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor