

Converting Colors

YIQ(200.5710, 32.1850, 5.9210)

Have a look what the booklet for
YIQ(200.5710, 32.1850, 5.9210)
contains.

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Color

**YIQ(200.5710, 32.1850,
5.9210)**

Conversions

Conversions Part 1

Format	Color
Hex	EBBCAF
RGB	235, 188, 175
RGB Percent	92%, 74%, 69%
CMY	0.0783, 0.2628, 0.3136
CMYK	0.00, 0.20, 0.26, 0.08
HSL	13°, 60%, 80%
HSV	13°, 26%, 92%
XYZ	59.9900, 56.7212, 48.3620
YIQ	200.5710, 32.1850, 5.9210

Conversions

Conversions Part 2

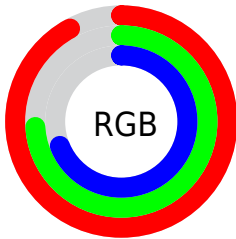
Format	Color
R _Y B	235, 192, 175
Decimal	15449263
CIE Lab	80.02, 15.00, 12.96
CIE LCh	80, 19.826, 40.818
Yxy	56.7212, 0.3634, 0.3436
Android (android.graphics.Color)	4293639343 (0xFFEBBCAF)
YUV	200.5710, -12.6065, 30.1942
Hunter-Lab	75.3135, 10.3834, 14.6468

Details

The YIQ color $200.5710, 32.1850, 5.9210$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $209.4290, -32.1850, -5.9210$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.8070, 10.7290, -1.7110$, and $146.4890, 29.4800, 5.3840$ is the 20% darker color. If you saturate the color by 10%, you get $187.3830, 44.5180, 8.1820$, and if you desaturate by 10%, it is $213.8730, 19.5310, 3.9710$.

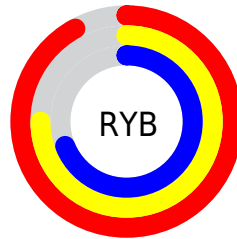
Distribution



Red (92%)

Green (74%)

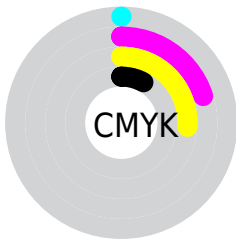
Blue (69%)



Red (92%)

Yellow (75%)

Blue (69%)

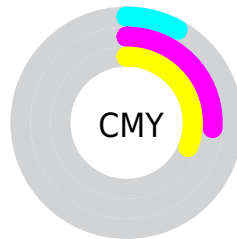


Cyan (0%)

Magenta (20%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (26%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 200.5710, 32.1850, 5.9210 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 200.5710, 32.1850, 5.9210 by changing the saturation by 10% instead.


 200.5710, 32.1850,
5.9210


 200.5710, 32.1850,
5.9210


255.0000, -0.0000,
-0.0000


 172.9730, 30.9930,
5.4970


 245.8070, 10.7290,
-1.7110

 146.4890, 29.4800,
5.3840

 120.3040, 28.5630,
5.4830

 95.4070, 26.7750,
4.8470

 71.2220, 25.8580,
4.9460

 48.4390, 23.7490,
4.6210

 26.2000, 22.9240,

3.0520

■ 8.4860, 16.3670,
6.2470

■ 0.0000, 0.0000,
0.0000

■ 200.5710, 32.1850,
5.9210

■ 200.5710, 32.1850,
5.9210

■ 187.3830, 44.5180,
8.1820

■ 213.8730, 19.5310,
3.9710

■ 173.4940, 57.4470,
10.6550

■ 227.6480, 6.9230,
1.1870

■ 160.3060, 69.7800,
12.9160

■ 240.9500, -5.7310,
-0.7630

■ 146.4170, 82.7090,
15.3890

■ 249.0200,
-11.9200, -4.2400

■ 133.2290, 95.0420,
17.6500

■ 119.3400,
107.9710, 20.1230

■ 106.1520,
120.3040, 22.3840

■ 100.2020,
126.0350, 23.1470

Harmonies

Analogous

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



201.9330, 28.4700, 12.6780



200.5710, 32.1850, 5.9210



198.9630, 27.7850, -2.4470

Triad

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



200.5710, 32.1850, 5.9210



192.6350, -18.5660, -15.9580



198.5160, -18.7080, 8.6520

Complementary

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



200.5710, 32.1850, 5.9210



209.4290, -32.1850, -5.9210

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.



195.3460, -33.1490, 0.5390



200.5710, 32.1850, 5.9210



191.2020, -33.2840, -13.5400

Square

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



200.5710, 32.1850, 5.9210



195.0300, -0.6850, -15.1250



192.2540, -39.0620, -7.9420



201.2580, -0.1860, 14.3900

Rectangle

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



200.5710, 32.1850, 5.9210



197.4950, 20.1750, -7.7050



192.2540, -39.0620, -7.9420



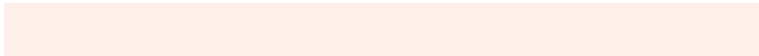
197.4120, -24.3470, 6.2210

Sweetspot

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



200.5710, 32.1850, 5.9210



243.3280, 10.8200, 2.1480



198.4120, 20.3520, 27.6480



120.6480, 6.9230, 1.1870



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.



200.5710, 32.1850, 5.9210



209.6000, 42.4090, 7.8570



217.5940, 24.2100, -9.2460



110.4630, 6.0060, 1.2860



77.0120, 97.1510, 17.9750



23.1900, 28.8840, 5.1720

Inverse Universe

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



209.4290, -32.1850, -5.9210



221.4000, -42.4090, -7.8570



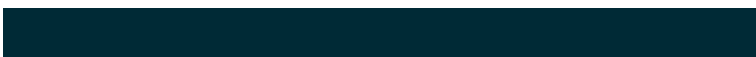
192.4060, -24.2100, 9.2460



112.5370, -6.0060, -1.2860



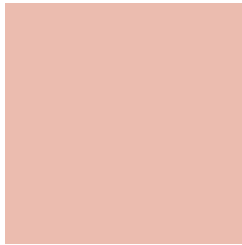
103.9880, -97.1510, -17.9750



30.8100, -28.8840, -5.1720

Previews

White Background



This preview shows how the YIQ color 200.5710, 32.1850, 5.9210 looks on a white background.

Color Contrast Check

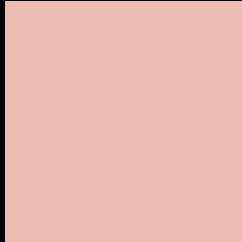
Large Text (above 18pt) WCAG AA × Fail

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 200.5710, 32.1850, 5.9210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

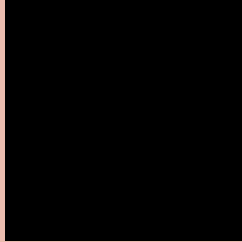
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.5710, 32.1850, 5.9210

Background



This preview shows how black text looks on a background with the YIQ color 200.5710, 32.1850, 5.9210.



This preview shows how white text looks on a background with the YIQ color 200.5710, 32.1850,

5.9210.

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

200.5710, 32.1850, 5.9210

Protanopia

198.6390, 11.1420, -3.6900

Deuteranopia

199.8260, 26.9130, 2.3450



Tritanopia

201.8560, 27.3690, 16.1130

Trichromacy



Original Color

200.5710, 32.1850, 5.9210

Protanomaly

199.0530, 18.8440, -0.1000

Deuteranomaly

200.1360, 28.9760, 3.5040

Tritanomaly

201.1180, 29.3870, 12.5790

Monochromacy



Original Color

200.5710, 32.1850, 5.9210

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.6270, 11.4160, 2.3600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.5710, 32.1850, 5.9210 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, 188, 175)` looks like.

```
.text, #text, p{  
    color:rgb(235, 188, 175)  
}
```

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, 188, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 188, 175) }
```

Border

The CSS property to change the border of an element to YIQ 200.5710, 32.1850, 5.9210 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, 188, 175) }
```


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

```
.border{ border-color:rgb(235, 188, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 188, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 188, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 188, 175);  
box-shadow:4px 4px 4px 4px rgb(235, 188,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 200.5710, 32.1850, 5.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 188, 175) }
```

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

```
.background{ background-color: rgb(235,  
188, 175) }
```

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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