

Converting Colors

YIQ(208.9310, 30.8110, -2.2210)

Have a look what the booklet for
YIQ(208.9310, 30.8110, -2.2210)
contains.

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Color

**YIQ(208.9310, 30.8110,
-2.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	EDCAAB
RGB	237, 202, 171
RGB Percent	93%, 79%, 67%
CMY	0.0705, 0.2079, 0.3293
CMYK	0.00, 0.15, 0.28, 0.07
HSL	28°, 65%, 80%
HSV	28°, 28%, 93%
XYZ	63.4018, 63.1831, 47.4007
YIQ	208.9310, 30.8110, -2.2210

Conversions

Conversions Part 2

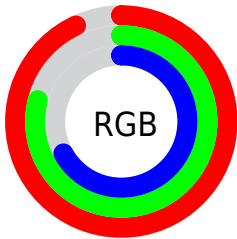
Format	Color
R _Y B	237, 229, 171
Decimal	15583915
CIE Lab	83.54, 7.83, 20.04
CIE LCh	84, 21.515, 68.659
Yxy	63.1831, 0.3644, 0.3632
Android (android.graphics.Color)	4293773995 (0xFFEDCAAB)
YUV	208.9310, -18.7000, 24.6165
Hunter-Lab	79.4878, 3.2731, 20.2853

Details

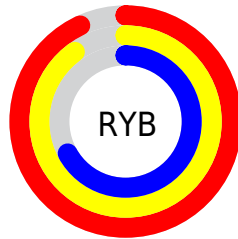
The YIQ color $208.9310, 30.8110, -2.2210$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $199.0690, -30.8110, 2.2210$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.6940, 9.3090, -9.0190$, and $154.2620, 28.3810, -2.2350$ is the 20% darker color. If you saturate the color by 10%, you get $198.5640, 42.0900, -2.8860$, and if you desaturate by 10%, it is $219.2980, 19.5320, -1.5560$.

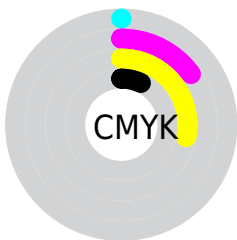
Distribution



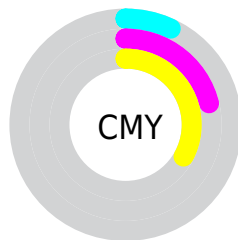
- Red (93%)
- Green (79%)
- Blue (67%)



- Red (93%)
- Yellow (90%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (28%)
- Black (7%)





- Cyan (7%)
- Magenta (21%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 208.9310, 30.8110, -2.2210 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 208.9310, 30.8110, -2.2210 by changing the saturation by 10% instead.


 208.9310, 30.8110,
-2.2210

 208.9310, 30.8110,
-2.2210


255.0000, -0.0000,
-0.0000


 181.3330, 29.6190,
-2.6450


 251.6940, 9.3090,
-9.0190

 154.2620, 28.3810,
-2.2350

 128.0770, 27.4640,
-2.1360

 102.5930, 25.9510,
-2.2490

 78.6960, 24.1630,
-2.8850

 55.3260, 22.3290,
-2.6870

 33.1580, 22.7420,

-4.6660

■ 12.1930, 15.6340,
3.0100

■ 0.0000, 0.0000,
0.0000

■ 208.9310, 30.8110,
-2.2210

■ 208.9310, 30.8110,
-2.2210

■ 198.5640, 42.0900,
-2.8860

■ 219.2980, 19.5320,
-1.5560

■ 188.8980, 52.7730,
-3.7630

■ 228.9640, 8.8490,
-0.6790

■ 178.5310, 64.0520,
-4.4280

■ 239.3310, -2.4300,
-0.0140

■ 168.7510, 75.0560,
-5.6160

■ 247.8570, -9.9030,
-2.2470

■ 158.4980, 86.0140,
-5.9700

■ 249.6180,
-10.7280, -3.8160

■ 148.1310, 97.2930,
-6.6350

■ 138.3510,
108.2970, -7.8230

■ 136.0200,
110.7270, -7.8090

Harmonies

Analogous

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



210.4790, 35.4400, 7.5040



208.9310, 30.8110, -2.2210



207.0170, 18.5250, -10.8430

Triad

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



208.9310, 30.8110, -2.2210



200.4790, -35.6220, -15.2220



210.8280, -1.7910, 15.9450

Complementary

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



208.9310, 30.8110, -2.2210



199.0690, -30.8110, 2.2210

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.



208.0750, -21.7800, 9.2600



208.9310, 30.8110, -2.2210



201.1610, -43.2340, -9.4260

Square

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



208.9310, 30.8110, -2.2210



202.2820, -19.0700, -17.8380



203.7800, -37.3670, -0.1110



212.2340, 17.5570, 17.7250

Rectangle

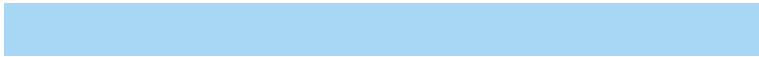
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



208.9310, 30.8110, -2.2210



205.3360, 7.2010, -14.8710



203.7800, -37.3670, -0.1110



210.0660, -8.3930, 14.4470

Sweetspot

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



208.9310, 30.8110, -2.2210



246.2630, 9.4450, -0.4670



194.7240, 28.1010, 24.8770



122.4090, 6.0980, -0.3820



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.



208.9310, 30.8110, -2.2210



219.0090, 39.3390, -2.5890



228.3020, 21.7360, -19.4800



112.2240, 5.1810, -0.2830



104.0140, 84.5010, -6.0830



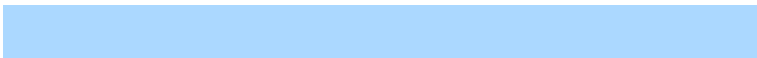
30.8210, 25.3090, -1.6270

Inverse Universe

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



199.0690, -30.8110, 2.2210



206.9910, -39.3390, 2.5890



179.6980, -21.7360, 19.4800



110.7760, -5.1810, 0.2830



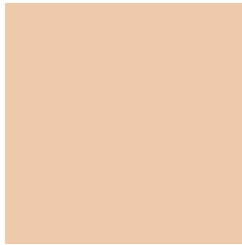
76.9860, -84.5010, 6.0830



22.5920, -25.0340, 2.1500

Previews

White Background



This preview shows how the YIQ color 208.9310, 30.8110, -2.2210 looks on a white background.

Color Contrast Check

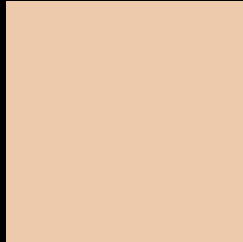
Large Text (above 18pt) WCAG AA × Fail

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 208.9310, 30.8110, -2.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

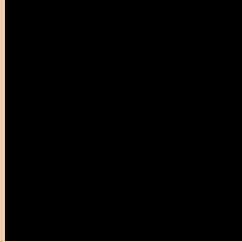
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.9310, 30.8110, -2.2210

Background



This preview shows how black text looks on a background with the YIQ color 208.9310, 30.8110, -2.2210.



This preview shows how white text looks on a background with the YIQ color 208.9310, 30.8110,

-2.2210.

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

208.9310, 30.8110, -2.2210

Protanopia

207.7120, 18.0660, -8.0300

Deuteranopia

208.9530, 33.7450, -0.3270



Tritanopia

211.5780, 22.2800, 14.7280

Trichromacy



Original Color

208.9310, 30.8110, -2.2210

Protanomaly

208.2180, 22.5130, -6.0230

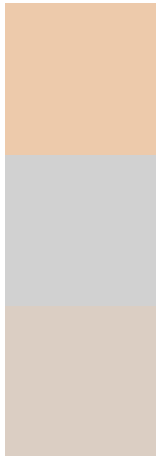
Deuteranomaly

209.2410, 32.8740, -1.0620

Tritanomaly

210.4440, 25.3530, 8.5930

Monochromacy



Original Color

208.9310, 30.8110, -2.2210

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.6330, 11.2790, -0.6650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.9310, 30.8110, -2.2210 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(237, 202, 171)` looks like.

```
.text, #text, p{  
    color:rgb(237, 202, 171)  
}
```

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(237, 202, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 202, 171) }
```

Border

The CSS property to change the border of an element to YIQ 208.9310, 30.8110, -2.2210 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(237, 202, 171) }
```


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

```
.border{ border-color:rgb(237, 202, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 202, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 202, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 202, 171);  
box-shadow:4px 4px 4px 4px rgb(237, 202,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 208.9310, 30.8110, -2.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 202, 171) }
```

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

```
.background{ background-color: rgb(237,  
202, 171) }
```

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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