

Converting Colors

YIQ(201.4430, 35.1210, -3.2390)

Have a look what the booklet for
YIQ(201.4430, 35.1210, -3.2390)
contains.

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Color

**YIQ(201.4430, 35.1210,
-3.2390)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C29D
RGB	233, 194, 157
RGB Percent	91%, 76%, 62%
CMY	0.0862, 0.2393, 0.3841
CMYK	0.00, 0.17, 0.33, 0.09
HSL	29°, 63%, 76%
HSV	29°, 33%, 91%
XYZ	58.9877, 58.3386, 40.0690
YIQ	201.4430, 35.1210, -3.2390

Conversions

Conversions Part 2

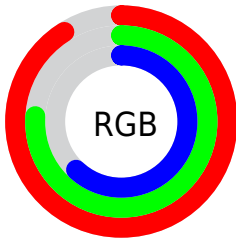
Format	Color
R _Y B	233, 229, 157
Decimal	15319709
CIE Lab	80.93, 8.70, 23.79
CIE LCh	81, 25.335, 69.905
Yxy	58.3386, 0.3748, 0.3707
Android (android.graphics.Color)	4293509789 (0xFFE9C29D)
YUV	201.4430, -21.9104, 27.6755
Hunter-Lab	76.3797, 4.1900, 22.3622

Details

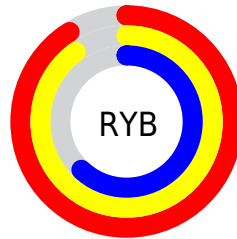
The YIQ color $201.4430, 35.1210, -3.2390$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $188.5570, -35.1210, 3.2390$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $247.1630, 15.1780, -10.7580$, and $146.7740, 32.6910, -3.2530$ is the 20% darker color. If you saturate the color by 10%, you get $191.7770, 45.8040, -4.1160$, and if you desaturate by 10%, it is $211.1090, 24.4380, -2.3620$.

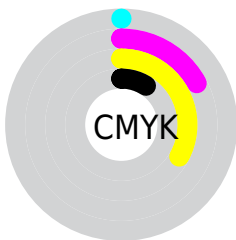
Distribution



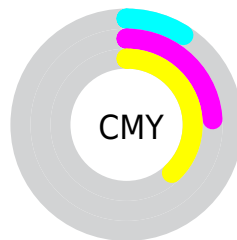
- Red (91%)
- Green (76%)
- Blue (62%)



- Red (91%)
- Yellow (90%)
- Blue (62%)



- Cyan (0%)
- Magenta (17%)
- Yellow (33%)
- Black (9%)





- Cyan (9%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 201.4430, 35.1210, -3.2390 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 201.4430, 35.1210, -3.2390 by changing the saturation by 10% instead.

 201.4430, 35.1210,
-3.2390


 201.4430, 35.1210,
-3.2390


255.0000, -0.0000,
-0.0000


 173.9590, 33.6080,
-3.3520


 247.1630, 15.1780,
-10.7580


 146.7740, 32.6910,
-3.2530

 253.2900, 4.8150,
-4.6650

 121.2900, 31.1780,
-3.3660

 95.9200, 29.3440,
-3.1680

 72.1370, 27.2350,
-3.4930

 49.2400, 25.4470,
-4.1290

 28.1410, 21.4120,

-2.5880

■ 6.8770, 13.7080,
4.8760

■ 0.0000, 0.0000,
0.0000

■ 201.4430, 35.1210,
-3.2390

■ 201.4430, 35.1210,
-3.2390

■ 191.7770, 45.8040,
-4.1160

■ 211.1090, 24.4380,
-2.3620

■ 181.9970, 56.8080,
-5.3040

■ 220.8890, 13.4340,
-1.1740

■ 172.3310, 67.4910,
-6.1810

■ 230.5550, 2.7510,
-0.2970

■ 162.6650, 78.1740,
-7.0580

■ 240.2210, -7.9320,
0.5800

■ 152.9990, 88.8570,
-7.9350

■ 247.8350,
-12.8370, -4.1410

■ 143.2190, 99.8610,
-9.1230

■ 248.4220,
-13.1120, -4.6640

■ 135.9980,
107.7930, -9.7030

Harmonies

Analogous

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



203.2300, 40.5750, 8.0550



201.4430, 35.1210, -3.2390



199.2190, 20.7720, -13.0200

Triad

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



201.4430, 35.1210, -3.2390



191.1790, -43.6450, -18.5010



204.0070, -0.7370, 18.8710

Complementary

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



201.4430, 35.1210, -3.2390



188.5570, -35.1210, 3.2390

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.



200.2750, -25.2190, 11.0130



201.4430, 35.1210, -3.2390



191.6160, -51.9450, -11.2490

Square

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



201.4430, 35.1210, -3.2390



193.2490, -23.4710, -20.6790



195.7730, -44.6570, -0.1530



205.1960, 20.7200, 20.9760

Rectangle

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



201.4430, 35.1210, -3.2390



197.4560, 6.7430, -17.5850



195.7730, -44.6570, -0.1530



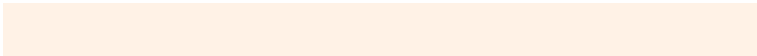
203.3480, -9.1270, 16.7370

Sweetspot

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



201.4430, 35.1210, -3.2390



244.5190, 11.6000, -0.9760



184.1700, 32.7770, 28.2410



121.4800, 7.3360, -0.7920



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.



201.4430, 35.1210, -3.2390



213.7770, 45.8040, -4.1160



223.7490, 24.6710, -23.1130



112.2240, 5.1810, -0.2830



105.7750, 83.6760, -7.6520



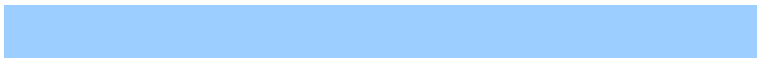
31.4080, 25.0340, -2.1500

Inverse Universe

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



188.5570, -35.1210, 3.2390



197.2230, -45.8040, 4.1160



166.2510, -24.6710, 23.1130



110.7760, -5.1810, 0.2830



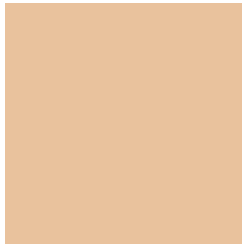
75.2250, -83.6760, 7.6520



22.5920, -25.0340, 2.1500

Previews

White Background



This preview shows how the YIQ color 201.4430, 35.1210, -3.2390 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 201.4430, 35.1210, -3.2390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

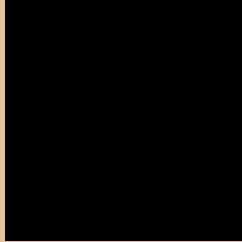
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.4430, 35.1210, -3.2390

Background



This preview shows how black text looks on a background with the YIQ color 201.4430, 35.1210, -3.2390.



This preview shows how white text looks on a background with the YIQ color 201.4430, 35.1210, -3.2390.

-3.2390.

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

201.4430, 35.1210, -3.2390

Protanopia

200.2130, 20.9090, -9.9950

Deuteranopia

201.4540, 36.5880, -2.2920



Tritanopia

204.5460, 25.3060, 14.9540

Trichromacy



Original Color

201.4430, 35.1210, -3.2390

Protanomaly

200.4310, 26.2270, -7.2530

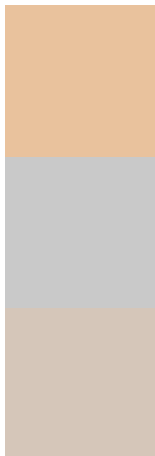
Deuteranomaly

201.1550, 35.9920, -2.5040

Tritanomaly

203.2980, 28.7000, 8.5080

Monochromacy



Original Color

201.4430, 35.1210, -3.2390

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.0030, 13.1130, -0.8630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.4430, 35.1210, -3.2390 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(233, 194, 157)` looks like.

```
.text, #text, p{  
    color:rgb(233, 194, 157)  
}
```

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(233, 194, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 194, 157) }
```

Border

The CSS property to change the border of an element to YIQ 201.4430, 35.1210, -3.2390 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(233, 194, 157) }
```


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

```
.border{ border-color:rgb(233, 194, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 194, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 194, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 194, 157);  
box-shadow:4px 4px 4px 4px rgb(233, 194,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 201.4430, 35.1210, -3.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 194, 157) }
```

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

```
.background{ background-color: rgb(233,  
194, 157) }
```

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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