

Converting Colors

YIQ(206.2320, 37.0930, -5.9390)

Have a look what the booklet for
YIQ(206.2320, 37.0930, -5.9390)
contains.

YIQ(206.2320, 37.0930, -5.9390)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(206.2320, 37.0930,
-5.9390)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC89B
RGB	238, 200, 155
RGB Percent	93%, 78%, 61%
CMY	0.0666, 0.2157, 0.3920
CMYK	0.00, 0.16, 0.35, 0.07
HSL	32°, 71%, 77%
HSV	33°, 35%, 93%
XYZ	61.8361, 61.8491, 39.7098
YIQ	206.2320, 37.0930, -5.9390

Conversions

Conversions Part 2

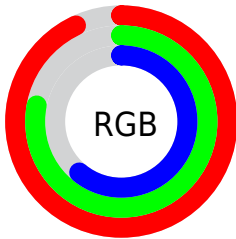
Format	Color
RYB	225, 238, 155
Decimal	15648923
CIELab	82.83, 7.24, 27.51
CIELCh	83, 28.447, 75.246
Yxy	61.8491, 0.3784, 0.3785
Android (android.graphics.Color)	4293839003 (0xFFEEC89B)
YUV	206.2320, -25.2574, 27.8605
Hunter-Lab	78.6442, 2.7230, 25.1137

Details

The YIQ color $206.2320, 37.0930, -5.9390$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $186.7680, -37.0930, 5.9390$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.8700, 14.4450, -13.9950$, and $151.5630, 34.6630, -5.9530$ is the 20% darker color. If you saturate the color by 10%, you get $197.0390, 47.8220, -7.6500$, and if you desaturate by 10%, it is $215.4250, 26.3640, -4.2280$.

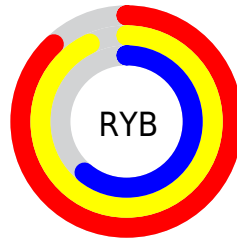
Distribution



Red (93%)

Green (78%)

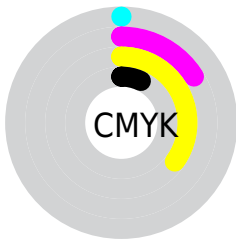
Blue (61%)



Red (88%)

Yellow (93%)

Blue (61%)

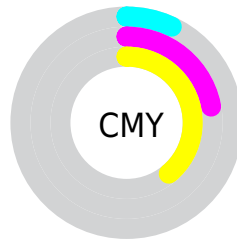


Cyan (0%)

Magenta (16%)

Yellow (35%)

Black (7%)



Cyan (7%)

Magenta (22%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.2320, 37.0930, -5.9390 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 206.2320, 37.0930, -5.9390 by changing the saturation by 10% instead.

206.2320, 37.0930,
-5.9390

206.2320, 37.0930,
-5.9390

255.0000, -0.0000,
-0.0000

178.7480, 35.5800,
-6.0520

249.8700, 14.4450,
-13.9950

151.5630, 34.6630,
-5.9530

253.0620, 5.4570,
-5.2870

125.1930, 32.8290,
-5.7550

100.4100, 30.7200,
-6.0800

75.9260, 29.2070,
-6.1930

52.7300, 26.8230,
-7.0410

31.9730, 21.8250,

-4.5670

■ 10.1220, 14.3960,
3.4200

■ 0.0000, 0.0000,
0.0000

■ 206.2320, 37.0930,
-5.9390

■ 206.2320, 37.0930,
-5.9390

■ 197.0390, 47.8220,
-7.6500

■ 215.4250, 26.3640,
-4.2280

■ 187.8460, 58.5510,
-9.3610

■ 224.6180, 15.6350,
-2.5170

■ 178.7670, 68.9590,
-10.7610

■ 233.6970, 5.2270,
-1.1170

■ 169.5740, 79.6880,
-12.4720

■ 242.8900, -5.5020,
0.5940

■ 160.3810, 90.4170,
-14.1830

■ 249.9170,
-10.1320, -3.6040

■ 151.7750,
100.8710, -16.4170

■ 146.8850,
106.3730, -17.0110

Harmonies

Analogous

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



208.2150, 44.9310, 6.2030



206.2320, 37.0930, -5.9390



203.6270, 19.4430, -16.4690

Triad

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



206.2320, 37.0930, -5.9390



193.8620, -52.9980, -19.7020



210.1540, 3.3430, 22.0230

Complementary

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



206.2320, 37.0930, -5.9390



186.7680, -37.0930, 5.9390

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.



206.5250, -22.9270, 13.5290



206.2320, 37.0930, -5.9390



195.4240, -60.1520, -11.1920

Square

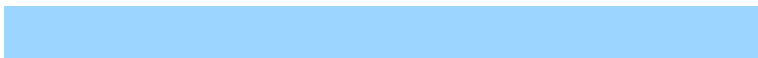
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



206.2320, 37.0930, -5.9390



196.4760, -31.5400, -23.1240



200.7450, -47.4540, 0.9780



210.5990, 26.9550, 23.6190

Rectangle

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



206.2320, 37.0930, -5.9390



201.4940, 3.5800, -20.8360



200.7450, -47.4540, 0.9780



209.6090, -5.3680, 20.2000

Sweetspot

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



206.2320, 37.0930, -5.9390



245.1060, 11.3250, -1.4990



184.2630, 36.9490, 29.7250



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.



206.2320, 37.0930, -5.9390



214.0390, 47.8220, -7.6500



227.6410, 24.8550, -26.4490



115.1100, 5.5020, -0.5940



113.1290, 82.4390, -12.7690



34.3540, 25.1260, -3.8180

Inverse Universe

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



186.7680, -37.0930, 5.9390



188.9610, -47.8220, 7.6500



165.3590, -24.8550, 26.4490



112.3030, -5.2270, 1.1170



70.2840, -82.1640, 13.2920



21.6460, -25.1260, 3.8180

Previews

White Background



This preview shows how the YIQ color 206.2320, 37.0930, -5.9390 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 206.2320, 37.0930, -5.9390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

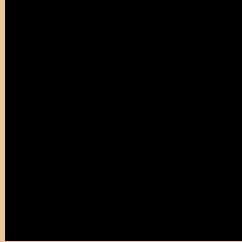
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.2320, 37.0930, -5.9390

Background



This preview shows how black text looks on a background with the YIQ color 206.2320, 37.0930, -5.9390.



This preview shows how white text looks on a background with the YIQ color 206.2320, 37.0930, -5.9390.

-5.9390.

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

206.2320, 37.0930, -5.9390

Protanopia

205.0130, 24.3480, -11.7480

Deuteranopia

206.5530, 40.6230, -3.8330



Tritanopia

209.9590, 25.5810, 15.4770

Trichromacy



Original Color

206.2320, 37.0930, -5.9390

Protanomaly

205.5190, 28.7950, -9.7410

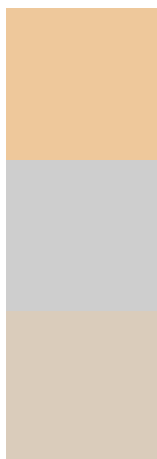
Deuteranomaly

206.5420, 39.1560, -4.7800

Tritanomaly

208.9560, 29.6630, 7.5750

Monochromacy



Original Color

206.2320, 37.0930, -5.9390

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

206.2480, 13.8010, -2.3190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.2320, 37.0930, -5.9390 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(238, 200, 155)` looks like.

```
.text, #text, p{  
    color:rgb(238, 200, 155)  
}
```

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(238, 200, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 200, 155) }
```

Border

The CSS property to change the border of an element to YIQ 206.2320, 37.0930, -5.9390 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(238, 200, 155) }
```


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

```
.border{ border-color:rgb(238, 200, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 200, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 200, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 200, 155);  
box-shadow:4px 4px 4px 4px rgb(238, 200,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 206.2320, 37.0930, -5.9390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 200, 155) }
```

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

```
.background{ background-color: rgb(238,  
200, 155) }
```

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