

Converting Colors

YIQ(206.4010, 34.9390,
-10.9570)

Have a look what the booklet for
YIQ(206.4010, 34.9390, -10.9570)
contains.

YIQ(206.4010, 34.9390, -10.9570)	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(206.4010, 34.9390,
-10.9570)**

Conversions

Conversions Part 1

Format	Color
Hex	E9CC95
RGB	233, 204, 149
RGB Percent	91%, 80%, 58%
CMY	0.0862, 0.2000, 0.4155
CMYK	0.00, 0.12, 0.36, 0.09
HSL	39°, 66%, 75%
HSV	39°, 36%, 91%
XYZ	60.6256, 62.6764, 37.3556
YIQ	206.4010, 34.9390, -10.9570

Conversions

Conversions Part 2

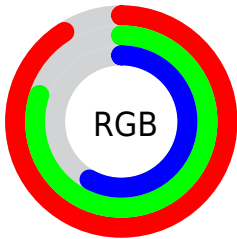
Format	Color
R _Y B	193, 233, 149
Decimal	15322261
CIE Lab	83.27, 2.51, 31.15
CIE LCh	83, 31.248, 85.397
Yxy	62.6764, 0.3774, 0.3901
Android (android.graphics.Color)	4293512341 (0xFFE9CC95)
YUV	206.4010, -28.2987, 23.3273
Hunter-Lab	79.1684, -1.8530, 27.4420

Details

The YIQ color $206.4010, 34.9390, -10.9570$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $175.5990, -34.9390, 10.9570$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $249.1860, 16.3710, -15.8610$, and $151.8460, 32.1880, -10.6600$ is the 20% darker color. If you saturate the color by 10%, you get $199.0830, 44.5220, -13.9260$, and if you desaturate by 10%, it is $213.7190, 25.3560, -7.9880$.

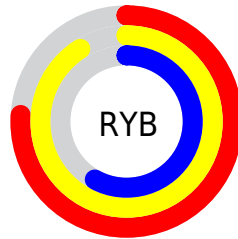
Distribution



Red (91%)

Green (80%)

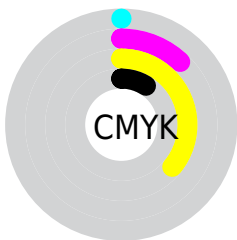
Blue (58%)



Red (76%)

Yellow (91%)

Blue (58%)

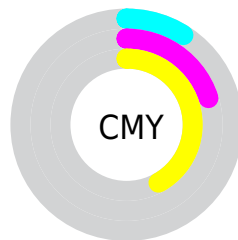


Cyan (0%)

Magenta (12%)

Yellow (36%)

Black (9%)



Cyan (9%)

Magenta (20%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.4010, 34.9390, -10.9570 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 206.4010, 34.9390, -10.9570 by changing the saturation by 10% instead.

■ 206.4010, 34.9390,
-10.9570

■ 206.4010, 34.9390,
-10.9570

255.0000, -0.0000,
-0.0000

■ 178.9170, 33.4260,
-11.0700

■ 249.1860, 16.3710,
-15.8610

■ 151.8460, 32.1880,
-10.6600

■ 252.3780, 7.3830,
-7.1530

■ 125.6610, 31.2710,
-10.5610

■ 100.2910, 29.4370,
-10.3630

■ 76.3940, 27.6490,
-10.9990

■ 52.6820, 26.7780,
-11.7340

■ 32.5380, 18.6160,

-6.9840

■ 11.5620, 10.0410,
-0.2550

■ 0.0000, 0.0000,
0.0000

■ 206.4010, 34.9390,
-10.9570

■ 206.4010, 34.9390,
-10.9570

■ 199.0830, 44.5220,
-13.9260

■ 213.7190, 25.3560,
-7.9880

■ 191.6510, 54.4260,
-17.2060

■ 221.1510, 15.4520,
-4.7080

■ 184.3330, 64.0090,
-20.1750

■ 228.4690, 5.8690,
-1.7390

■ 177.0150, 73.5920,
-23.1440

■ 235.7870, -3.7140,
1.2300

■ 169.6970, 83.1750,
-26.1130

■ 241.9650,
-10.0870, 1.0890

■ 162.2650, 93.0790,
-29.3930

■ 246.6610,
-12.2870, -3.0950

■ 158.8910, 97.0680,
-30.1000

■ 248.4220,
-13.1120, -4.6640

Harmonies

Analogous

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



208.3630, 47.2700, 2.3580



206.4010, 34.9390, -10.9570



202.9850, 12.3830, -20.6810

Triad

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



206.4010, 34.9390, -10.9570



192.9300, -64.8730, -19.2490



212.2370, 13.4750, 25.6270

Complementary

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



206.4010, 34.9390, -10.9570



175.5990, -34.9390, 10.9570

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.



208.6510, -14.3540, 17.8540



206.4010, 34.9390, -10.9570



196.1940, -65.1960, -7.8840

Square

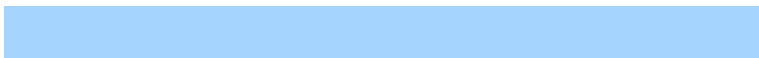
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



206.4010, 34.9390, -10.9570



195.4790, -44.7900, -25.2860



202.5500, -42.4110, 3.1970



209.7090, 32.4570, 23.0250

Rectangle

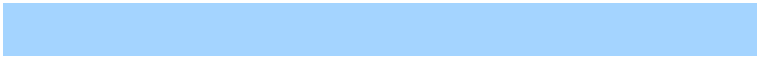
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



206.4010, 34.9390, -10.9570



200.5960, -5.6350, -24.5390



202.5500, -42.4110, 3.1970



211.9200, 4.1220, 24.4260

Sweetspot

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



206.4010, 34.9390, -10.9570



245.9380, 11.7380, -3.4780



177.4220, 40.7550, 26.8270



122.5400, 7.1070, -2.1490



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.



206.4010, 34.9390, -10.9570



220.1540, 45.7600, -14.3360



219.5370, 19.2160, -28.8800



113.3980, 4.6310, -1.3290



123.3850, 75.4260, -23.3420



36.6910, 22.5590, -6.8570

Inverse Universe

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



175.5990, -34.9390, 10.9570



179.8460, -45.7600, 14.3360



162.4630, -19.2160, 28.8800



109.6020, -4.6310, 1.3290



57.6150, -75.4260, 23.3420



17.3090, -22.5590, 6.8570

Previews

White Background



This preview shows how the YIQ color 206.4010, 34.9390, -10.9570 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 206.4010, 34.9390, -10.9570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

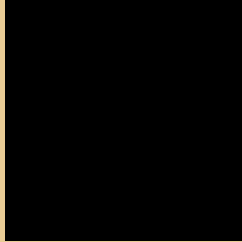
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.4010, 34.9390, -10.9570

Background



This preview shows how black text looks on a background with the YIQ color 206.4010, 34.9390, -10.9570.



This preview shows how white text looks on a background with the YIQ color 206.4010, 34.9390, -10.9570.

-10.9570.

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

206.4010, 34.9390, -10.9570

Protanopia

205.4000, 27.5120, -14.0240

Deuteranopia

207.4670, 43.7410, -5.2750



Tritanopia

210.8660, 21.4090, 13.9930

Trichromacy



Original Color

206.4010, 34.9390, -10.9570

Protanomaly

205.8950, 30.4920, -12.9640

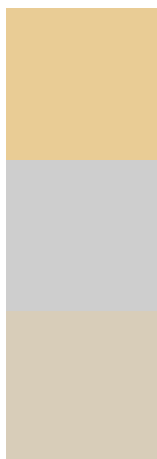
Deuteranomaly

207.1460, 40.2110, -7.3810

Tritanomaly

209.1080, 26.1790, 4.6350

Monochromacy



Original Color

206.4010, 34.9390, -10.9570

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

206.0090, 12.9760, -3.8880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.4010, 34.9390, -10.9570 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, 204, 149)` looks like.

```
.text, #text, p{  
    color:rgb(233, 204, 149)  
}
```

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, 204, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 204, 149) }
```

Border

The CSS property to change the border of an element to YIQ 206.4010, 34.9390, -10.9570 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, 204, 149) }
```


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

```
.border{ border-color:rgb(233, 204, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 204, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 204, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 204, 149);  
box-shadow:4px 4px 4px 4px rgb(233, 204,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 206.4010, 34.9390, -10.9570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 204, 149) }
```

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

```
.background{ background-color: rgb(233,  
204, 149) }
```

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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