

Converting Colors

YIQ(201.3980, 39.0210,
-18.8590)

Have a look what the booklet for
YIQ(201.3980, 39.0210, -18.8590)
contains.

YIQ(201.3980, 39.0210, -18.8590)	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(201.3980, 39.0210,
-18.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	E3CB7E
RGB	227, 203, 126
RGB Percent	89%, 80%, 49%
CMY	0.1098, 0.2039, 0.5057
CMYK	0.00, 0.11, 0.44, 0.11
HSL	46°, 64%, 69%
HSV	46°, 44%, 89%
XYZ	56.8022, 60.5461, 28.4499
YIQ	201.3980, 39.0210, -18.8590

Conversions

Conversions Part 2

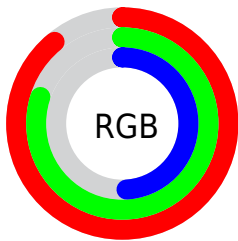
Format	Color
RYB	157, 227, 126
Decimal	14928766
CIELab	82.13, -1.83, 41.34
CIELCh	82, 41.377, 92.539
Yxy	60.5461, 0.3896, 0.4153
Android (android.graphics.Color)	4293118846 (0xFFE3CB7E)
YUV	201.3980, -37.1712, 22.4530
Hunter-Lab	77.8113, -5.8650, 32.7899

Details

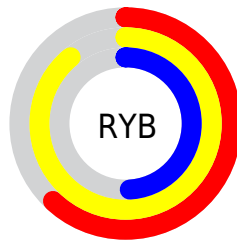
The YIQ color $201.3980, 39.0210, -18.8590$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $151.6020, -39.0210, 18.8590$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.4500, 24.0750, -23.3250$, and $146.8430, 36.2700, -18.5620$ is the 20% darker color. If you saturate the color by 10%, you get $195.8410, 47.7790, -23.3970$, and if you desaturate by 10%, it is $206.9550, 30.2630, -14.3210$.

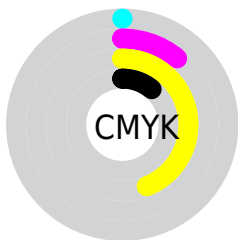
Distribution



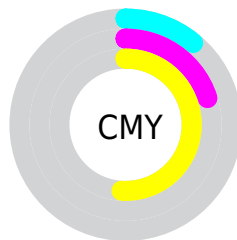
- Red (89%)
- Green (80%)
- Blue (49%)



- Red (62%)
- Yellow (89%)
- Blue (49%)



- Cyan (0%)
- Magenta (11%)
- Yellow (44%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.3980, 39.0210, -18.8590 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 201.3980, 39.0210, -18.8590 by changing the saturation by 10% instead.

■ 201.3980, 39.0210,
-18.8590

■ 201.3980, 39.0210,
-18.8590

255.0000, -0.0000,
-0.0000

■ 173.9140, 37.5080,
-18.9720

■ 246.4500, 24.0750,
-23.3250

■ 146.8430, 36.2700,
-18.5620

■ 249.6420, 15.0870,
-14.6170

■ 120.4730, 34.4360,
-18.3640

■ 252.8340, 6.0990,
-5.9090

■ 95.4620, 32.9690,
-19.3110

■ 70.6360, 32.4190,
-20.3570

■ 50.2470, 23.5690,
-14.1510

■ 30.4450, 14.4440,

-8.4680

■ 7.3760, 1.6970,
-3.2230

■ 0.0000, 0.0000,
0.0000

■ 201.3980, 39.0210,
-18.8590

■ 201.3980, 39.0210,
-18.8590

■ 195.8410, 47.7790,
-23.3970

■ 206.9550, 30.2630,
-14.3210

■ 189.8110, 56.4910,
-27.1010

■ 212.9850, 21.5510,
-10.6170

■ 184.2540, 65.2490,
-31.6390

■ 218.5420, 12.7930,
-6.0790

■ 178.1100, 74.2820,
-35.6540

■ 224.6860, 3.7600,
-2.0640

■ 172.6670, 82.7190,
-39.8810

■ 230.2430, -4.9980,
2.4740

■ 169.4240, 87.7170,
-42.3550

■ 234.8880,
-11.1880, 4.5240

■ 238.4100,
-12.8380, 1.3860

■ 241.3450,
-14.2130, -1.2290

■ 244.8670,
-15.8630, -4.3670

Harmonies

Analogous

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



203.2790, 56.0740, -3.0140



201.3980, 39.0210, -18.8590



196.9640, 7.7080, -29.5720

Triad

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



201.3980, 39.0210, -18.8590



174.6670, -109.8490, -30.1450



209.3790, 25.1190, 34.8710

Complementary

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



201.3980, 39.0210, -18.8590



151.6020, -39.0210, 18.8590

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.



206.0480, -7.9820, 23.5220



201.3980, 39.0210, -18.8590



183.6470, -88.7610, -15.8410

Square

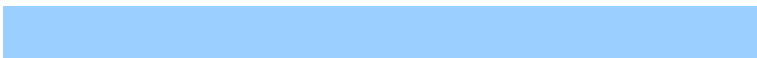
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



201.3980, 39.0210, -18.8590



182.1700, -74.9570, -34.7410



196.6250, -46.9960, 3.6920



201.4110, 39.2880, 25.8800

Rectangle

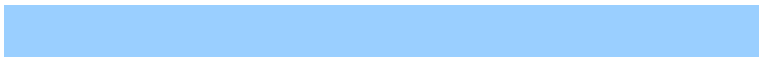
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



201.3980, 39.0210, -18.8590



193.2690, -18.1960, -33.6840



196.6250, -46.9960, 3.6920



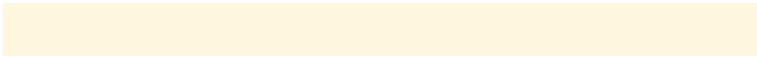
209.6920, 13.9320, 33.8680

Sweetspot

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



201.3980, 39.0210, -18.8590



246.5420, 12.7930, -6.0790



159.0490, 52.1710, 29.1870



122.6710, 8.1160, -3.9160



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.



201.3980, 39.0210, -18.8590



220.8260, 52.1350, -25.2490



208.0110, 17.5210, -36.7110



111.8710, 4.6770, -2.1630



133.3530, 69.2840, -33.1800



38.1420, 19.6710, -9.5850

Inverse Universe

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



151.6020, -39.0210, 18.8590



154.1740, -52.1350, 25.2490



144.9890, -17.5210, 36.7110



106.1290, -4.6770, 2.1630



45.0600, -69.0090, 33.7030



12.8580, -19.6710, 9.5850

Previews

White Background



This preview shows how the YIQ color 201.3980, 39.0210, -18.8590 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 201.3980, 39.0210, -18.8590 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 201.3980, 39.0210, -18.8590

Background



This preview shows how black text looks on a background with the YIQ color 201.3980, 39.0210, -18.8590.



This preview shows how white text looks on a background with the YIQ color 201.3980, 39.0210,

-18.8590.

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

201.3980, 39.0210, -18.8590

Protanopia

200.9030, 36.0410, -19.9190

Deuteranopia

202.9100, 52.4990, -9.8130



Tritanopia

207.2680, 20.2170, 13.5690

Trichromacy



Original Color

201.3980, 39.0210, -18.8590

Protanomaly

201.2020, 36.6370, -19.7070

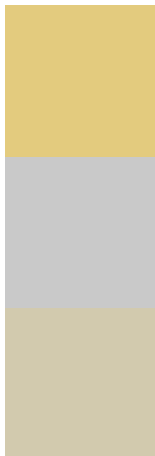
Deuteranomaly

202.4640, 47.8230, -13.1770

Tritanomaly

205.2990, 26.9590, 1.5110

Monochromacy



Original Color

201.3980, 39.0210, -18.8590

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.2000, 13.7560, -7.0120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.3980, 39.0210, -18.8590 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(227, 203, 126)` looks like.

```
.text, #text, p{  
    color:rgb(227, 203, 126)  
}
```

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(227, 203, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 203, 126) }
```

Border

The CSS property to change the border of an element to YIQ 201.3980, 39.0210, -18.8590 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(227, 203, 126) }
```


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

```
.border{ border-color:rgb(227, 203, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 203, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 203, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 203, 126); box-shadow:4px 4px 4px 4px rgb(227, 203, 126) }
```

Background

The CSS property to change the background color of an element to YIQ 201.3980, 39.0210, -18.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 203, 126) }
```

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

```
.background{ background-color: rgb(227,  
203, 126) }
```

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