

Converting Colors

YIQ(201.1880, 31.2250, -9.7270)

Have a look what the booklet for
YIQ(201.1880, 31.2250, -9.7270)
contains.

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Color

**YIQ(201.1880, 31.2250,
-9.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C796
RGB	225, 199, 150
RGB Percent	88%, 78%, 59%
CMY	0.1176, 0.2196, 0.4116
CMYK	0.00, 0.12, 0.33, 0.12
HSL	39°, 56%, 74%
HSV	39°, 33%, 88%
XYZ	56.9831, 59.0539, 37.2668
YIQ	201.1880, 31.2250, -9.7270

Conversions

Conversions Part 2

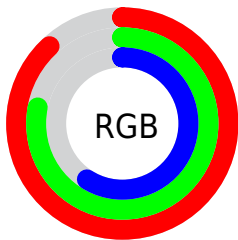
Format	Color
RYB	190, 225, 150
Decimal	14796694
CIELab	81.32, 2.12, 27.90
CIELCh	81, 27.976, 85.660
Yxy	59.0539, 0.3717, 0.3852
Android (android.graphics.Color)	4292986774 (0xFFE1C796)
YUV	201.1880, -25.2357, 20.8831
Hunter-Lab	76.8466, -2.1206, 25.0398

Details

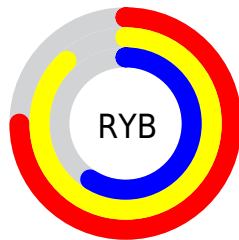
The YIQ color $201.1880, 31.2250, -9.7270$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $173.8120, -31.2250, 9.7270$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.1860, 16.3710, -15.8610$, and $146.9320, 29.0700, -9.2180$ is the 20% darker color. If you saturate the color by 10%, you get $193.9840, 40.4870, -12.3850$, and if you desaturate by 10%, it is $208.5060, 21.6420, -6.7580$.

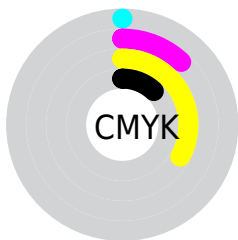
Distribution



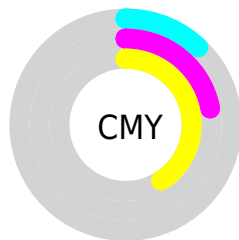
- Red (88%)
- Green (78%)
- Blue (59%)



- Red (75%)
- Yellow (88%)
- Blue (59%)



- Cyan (0%)
- Magenta (12%)
- Yellow (33%)
- Black (12%)



- Cyan (12%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.1880, 31.2250, -9.7270 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 201.1880, 31.2250, -9.7270 by changing the saturation by 10% instead.

■ 201.1880, 31.2250,
-9.7270

■ 201.1880, 31.2250,
-9.7270

255.0000, -0.0000,
-0.0000

■ 174.0030, 30.3080,
-9.6280

■ 249.3000, 16.0500,
-15.5500

■ 146.9320, 29.0700,
-9.2180

■ 252.4920, 7.0620,
-6.8420

■ 121.0350, 27.2820,
-9.8540

■ 95.9640, 26.0440,
-9.4440

■ 71.5940, 24.2100,
-9.2460

■ 48.7680, 23.6600,
-10.2920

■ 28.6950, 16.7360,

-5.9520

■ 5.6480, 6.9230,
1.1870

■ 0.0000, 0.0000,
0.0000

■ 201.1880, 31.2250,
-9.7270

■ 201.1880, 31.2250,
-9.7270

■ 193.9840, 40.4870,
-12.3850

■ 208.5060, 21.6420,
-6.7580

■ 186.6660, 50.0700,
-15.3540

■ 215.7100, 12.3800,
-4.1000

■ 180.0490, 59.0570,
-18.5350

■ 222.4410, 3.0720,
-0.6080

■ 172.7310, 68.6400,
-21.5040

■ 229.6450, -6.1900,
2.0500

■ 165.5270, 77.9020,
-24.1620

■ 236.0510,
-13.2050, 2.5310

■ 158.2090, 87.4850,
-27.1310

■ 240.7470,
-15.4050, -1.6530

■ 153.5640, 93.6750,
-29.1810

■ 245.4430,
-17.6050, -5.8370

■ 246.0300,
-17.8800, -6.3600

Harmonies

Analogous

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



203.3240, 43.0060, 2.5420



201.1880, 31.2250, -9.7270



197.9680, 11.0530, -18.6030

Triad

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



201.1880, 31.2250, -9.7270



190.0020, -56.2080, -16.5920



206.1720, 12.1000, 23.0120

Complementary

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



201.1880, 31.2250, -9.7270



173.8120, -31.2250, 9.7270

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.



204.1240, -14.3080, 17.0200



201.1880, 31.2250, -9.7270



193.2120, -56.4390, -6.8950

Square

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



201.1880, 31.2250, -9.7270



191.6970, -39.4720, -22.5440



199.2130, -39.8440, 6.2360



206.0680, 32.8240, 21.8800

Rectangle

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



201.1880, 31.2250, -9.7270



196.1770, -5.7730, -22.0370



199.2130, -39.8440, 6.2360



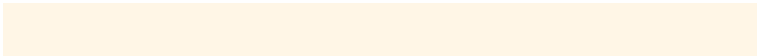
206.0400, 3.6640, 21.7120

Sweetspot

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



201.1880, 31.2250, -9.7270



246.8670, 10.5000, -3.0680



175.3890, 36.3540, 23.9860



122.6540, 6.7860, -1.8380



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.



201.1880, 31.2250, -9.7270



222.8270, 42.3670, -13.4170



213.1610, 17.5190, -25.6570



108.3980, 4.6310, -1.3290



120.1290, 73.2710, -22.8330



33.1360, 19.8080, -6.5600

Inverse Universe

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



173.8120, -31.2250, 9.7270



185.1730, -42.3670, 13.4170



161.8390, -17.5190, 25.6570



104.6020, -4.6310, 1.3290



55.8710, -73.2710, 22.8330



15.4510, -20.0830, 6.0370

Previews

White Background



This preview shows how the YIQ color 201.1880, 31.2250, -9.7270 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 201.1880, 31.2250, -9.7270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

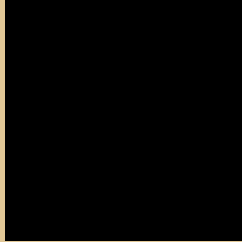
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.1880, 31.2250, -9.7270

Background



This preview shows how black text looks on a background with the YIQ color 201.1880, 31.2250, -9.7270.



This preview shows how white text looks on a background with the YIQ color 201.1880, 31.2250,

-9.7270.

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

201.1880, 31.2250, -9.7270

Protanopia

200.6710, 25.3110, -12.6810

Deuteranopia

202.2540, 40.0270, -4.0450



Tritanopia

204.6700, 19.0250, 13.1450

Trichromacy



Original Color

201.1880, 31.2250, -9.7270

Protanomaly

200.9810, 27.3740, -11.5220

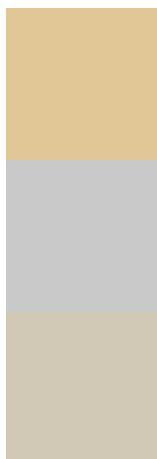
Deuteranomaly

201.9330, 36.4970, -6.1510

Tritanomaly

203.5530, 23.4280, 4.9320

Monochromacy



Original Color

201.1880, 31.2250, -9.7270

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.9380, 11.7380, -3.4780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.1880, 31.2250, -9.7270 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(225, 199, 150)` looks like.

```
.text, #text, p{  
    color:rgb(225, 199, 150)  
}
```

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(225, 199, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 199, 150) }
```

Border

The CSS property to change the border of an element to YIQ 201.1880, 31.2250, -9.7270 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(225, 199, 150) }
```


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

```
.border{ border-color:rgb(225, 199, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 199, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 199, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 199, 150);  
box-shadow:4px 4px 4px 4px rgb(225, 199,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 201.1880, 31.2250, -9.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 199, 150) }
```

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

```
.background{ background-color: rgb(225,  
199, 150) }
```

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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