

Converting Colors

YIQ(201.4980, 16.0930, 0.1970)

Have a look what the booklet for
YIQ(201.4980, 16.0930, 0.1970)
contains.

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Color

**YIQ(201.4980, 16.0930,
0.1970)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C5B8
RGB	217, 197, 184
RGB Percent	85%, 77%, 72%
CMY	0.1490, 0.2275, 0.2784
CMYK	0.00, 0.09, 0.15, 0.15
HSL	24°, 30%, 79%
HSV	24°, 15%, 85%
XYZ	57.2363, 58.1434, 53.5639
YIQ	201.4980, 16.0930, 0.1970

Conversions

Conversions Part 2

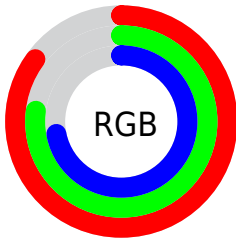
Format	Color
RYB	217, 205, 184
Decimal	14271928
CIELab	80.82, 4.91, 9.05
CIELCh	81, 10.291, 61.518
Yxy	58.1434, 0.3388, 0.3442
Android (android.graphics.Color)	4292462008 (0xFFD9C5B8)
YUV	201.4980, -8.6265, 13.5953
Hunter-Lab	76.2518, 0.5454, 11.7274

Details

The YIQ color $201.4980, 16.0930, 0.1970$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $199.5020, -16.0930, -0.1970$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.7030, 5.0900, -4.1420$, and $147.3130, 15.1760, 0.2960$ is the 20% darker color. If you saturate the color by 10%, you get $191.3590, 26.7300, 0.1540$, and if you desaturate by 10%, it is $211.6370, 5.4560, 0.2400$.

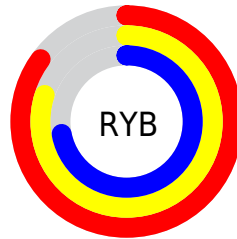
Distribution



Red (85%)

Green (77%)

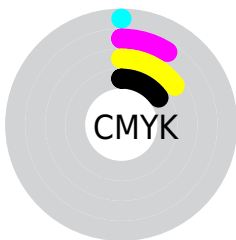
Blue (72%)



Red (85%)

Yellow (80%)

Blue (72%)

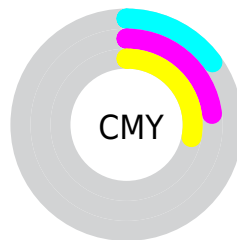


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (15%)



Cyan (15%)

Magenta (23%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.4980, 16.0930, 0.1970 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 201.4980, 16.0930, 0.1970 by changing the saturation by 10% instead.

■ 201.4980, 16.0930,
0.1970

■ 201.4980, 16.0930,
0.1970

255.0000, -0.0000,
-0.0000

■ 174.1990, 15.4970,
-0.0150

■ 252.7030, 5.0900,
-4.1420

■ 147.3130, 15.1760,
0.2960

■ 122.0140, 14.5800,
0.0840

■ 96.8290, 13.6630,
0.1830

■ 72.6440, 12.7460,
0.2820

■ 50.3450, 12.1500,
0.0700

■ 29.0460, 11.5540,

-0.1420

■ 4.7840, 9.5360,
3.3920

■ 0.0000, 0.0000,
0.0000

■ 201.4980, 16.0930,
0.1970

■ 201.4980, 16.0930,
0.1970

■ 191.3590, 26.7300,
0.1540

■ 211.6370, 5.4560,
0.2400

■ 181.3340, 37.0460,
0.4220

■ 221.6620, -4.8600,
-0.0280

■ 171.1950, 47.6830,
0.3790

■ 231.8010,
-15.4970, 0.0150

■ 160.4690, 58.5950,
0.8590

■ 240.7030,
-21.2730, -5.4410

■ 150.4440, 68.9110,
1.1270

■ 243.6380,
-22.6480, -8.0560

■ 140.3050, 79.5480,
1.0840

■ 130.1660, 90.1850,
1.0410

■ 120.0270,
100.8220, 0.9980

■ 114.7780,
105.9570, 1.5490

Harmonies

Analogous

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



202.3180, 16.7800, 4.2680



201.4980, 16.0930, 0.1970



200.3400, 10.5460, -3.9020

Triad

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



201.4980, 16.0930, 0.1970



197.3570, -14.4870, -7.2790



201.6610, -3.1190, 6.9690

Complementary

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



201.4980, 16.0930, 0.1970



199.5020, -16.0930, -0.1970

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.



200.1760, -12.0590, 3.7890



201.4980, 16.0930, 0.1970



197.7850, -18.5680, -4.9040

Square

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



201.4980, 16.0930, 0.1970



198.0220, -6.2340, -8.1700



198.6050, -17.8810, -0.8330



202.3910, 6.5090, 8.6930

Rectangle

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



201.4980, 16.0930, 0.1970



199.5350, 5.5030, -6.1210



198.6050, -17.8810, -0.8330



201.1660, -6.0990, 5.9090

Sweetspot

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



201.4980, 16.0930, 0.1970



248.8220, 6.3730, 0.1410



196.1470, 13.2480, 13.2160



124.1530, 3.9430, 0.1270



0.0000, 0.0000, 0.0000



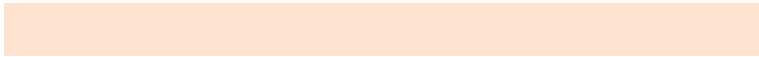
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



201.4980, 16.0930, 0.1970



233.3200, 22.4660, 0.3380



210.8900, 11.6930, -8.1710



104.6370, 5.4560, 0.2400



91.6430, 84.4080, 1.1120



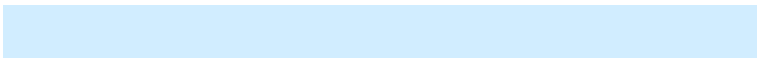
24.3200, 22.4660, 0.3380

Inverse Universe

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



199.5020, -16.0930, -0.1970



230.6800, -22.4660, -0.3380



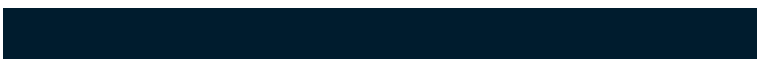
190.1100, -11.6930, 8.1710



103.7760, -5.1810, 0.2830



81.3570, -84.4080, -1.1120



21.6800, -22.4660, -0.3380

Previews

White Background



This preview shows how the YIQ color 201.4980, 16.0930, 0.1970 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 201.4980, 16.0930, 0.1970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

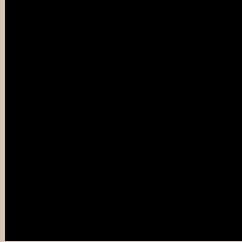
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.4980, 16.0930, 0.1970

Background



This preview shows how black text looks on a background with the YIQ color 201.4980, 16.0930, 0.1970.



This preview shows how white text looks on a background with the YIQ color 201.4980, 16.0930,

0.1970.

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

201.4980, 16.0930, 0.1970

Protanopia

200.7960, 9.2620, -2.6580

Deuteranopia

202.5420, 21.9610, 3.9850



Tritanopia

202.7830, 11.2770, 10.3890

Trichromacy



Original Color

201.4980, 16.0930, 0.1970

Protanomaly

200.9920, 11.6460, -1.8100

Deuteranomaly

202.2320, 19.8980, 2.8260

Tritanomaly

202.0450, 13.2950, 6.8550

Monochromacy



Original Color

201.4980, 16.0930, 0.1970

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.5230, 5.7770, -0.0710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.4980, 16.0930, 0.1970 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(217, 197, 184)` looks like.

```
.text, #text, p{  
    color:rgb(217, 197, 184)  
}
```

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(217, 197, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 197, 184) }
```

Border

The CSS property to change the border of an element to YIQ 201.4980, 16.0930, 0.1970 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(217, 197, 184) }
```


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

```
.border{ border-color:rgb(217, 197, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 197, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 197, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 197, 184);  
box-shadow:4px 4px 4px 4px rgb(217, 197,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 201.4980, 16.0930, 0.1970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 197, 184) }
```

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

```
.background{ background-color: rgb(217,  
197, 184) }
```

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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