

Converting Colors

YIQ(201.9390, 19.1650, -0.4110)

Have a look what the booklet for
YIQ(201.9390, 19.1650, -0.4110)
contains.

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Color

**YIQ(201.9390, 19.1650,
-0.4110)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC5B4
RGB	220, 197, 180
RGB Percent	86%, 77%, 71%
CMY	0.1372, 0.2275, 0.2940
CMYK	0.00, 0.10, 0.18, 0.14
HSL	25°, 36%, 78%
HSV	25°, 18%, 86%
XYZ	57.7232, 58.4417, 51.4302
YIQ	201.9390, 19.1650, -0.4110

Conversions

Conversions Part 2

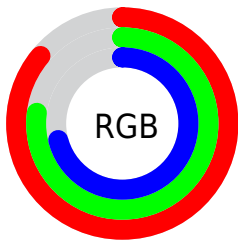
Format	Color
R _Y B	220, 210, 180
Decimal	14468532
CIE Lab	80.98, 5.39, 11.46
CIE LCh	81, 12.660, 64.806
Yxy	58.4417, 0.3444, 0.3487
Android (android.graphics.Color)	4292658612 (0xFFDCC5B4)
YUV	201.9390, -10.8159, 15.8395
Hunter-Lab	76.4472, 0.9980, 13.6254

Details

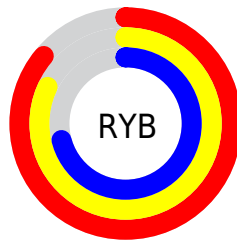
The YIQ color $201.9390, 19.1650, -0.4110$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $198.0610, -19.1650, 0.4110$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.2470, 6.3740, -5.3860$, and $147.7540, 18.2480, -0.3120$ is the 20% darker color. If you saturate the color by 10%, you get $191.8000, 29.8020, -0.4540$, and if you desaturate by 10%, it is $212.0780, 8.5280, -0.3680$.

Distribution



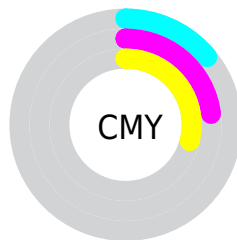
- Red (86%)
- Green (77%)
- Blue (71%)



- Red (86%)
- Yellow (82%)
- Blue (71%)



- Cyan (0%)
- Magenta (10%)
- Yellow (18%)
- Black (14%)





- Cyan (14%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 201.9390, 19.1650, -0.4110 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 201.9390, 19.1650, -0.4110 by changing the saturation by 10% instead.

 201.9390, 19.1650,
-0.4110


 201.9390, 19.1650,
-0.4110


255.0000, -0.0000,
-0.0000


 174.6400, 18.5690,
-0.6230


 252.2470, 6.3740,
-5.3860

 147.7540, 18.2480,
-0.3120

 122.1560, 17.0560,
-0.7360

 96.9710, 16.1390,
-0.6370

 73.0850, 15.8180,
-0.3260

 50.6010, 14.3050,
-0.4390

 28.8890, 13.4340,

-1.1740

■ 5.3820, 10.7280,
3.8160

■ 0.0000, 0.0000,
0.0000

■ 201.9390, 19.1650,
-0.4110

■ 201.9390, 19.1650,
-0.4110

■ 191.8000, 29.8020,
-0.4540

■ 212.0780, 8.5280,
-0.3680

■ 182.2480, 40.1640,
-1.0200

■ 221.6300, -1.8340,
0.1980

■ 172.1090, 50.8010,
-1.0630

■ 231.7690,
-12.4710, 0.2410

■ 161.9700, 61.4380,
-1.1060

■ 240.4260,
-18.9350, -3.7590

■ 152.4180, 71.8000,
-1.6720

■ 244.5350,
-20.8600, -7.4200

■ 142.2790, 82.4370,
-1.7150

■ 132.1400, 93.0740,
-1.7580

■ 122.5880,
103.4360, -2.3240

■ 120.3710,
105.5450, -1.9990

Harmonies

Analogous

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



202.8840, 20.9980, 4.9180



201.9390, 19.1650, -0.4110



200.7700, 12.1510, -5.4570

Triad

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



201.9390, 19.1650, -0.4110



196.9650, -19.2550, -8.9750



202.3130, -2.0190, 9.0610

Complementary

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



201.9390, 19.1650, -0.4110



198.0610, -19.1650, 0.4110

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.



200.6320, -13.3430, 5.0330



201.9390, 19.1650, -0.4110



197.3330, -23.1070, -5.2430

Square

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



201.9390, 19.1650, -0.4110



197.7010, -9.7640, -10.2760



198.8650, -21.5490, -0.4370



203.4130, 9.4430, 10.5870

Rectangle

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



201.9390, 19.1650, -0.4110



199.4810, 5.5950, -7.7890



198.8650, -21.5490, -0.4370



202.2200, -6.1910, 7.5770

Sweetspot

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



201.9390, 19.1650, -0.4110



249.4090, 6.0980, -0.3820



194.5820, 16.4570, 15.6330



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.



201.9390, 19.1650, -0.4110



229.8320, 26.7760, -0.6800



213.6790, 13.6650, -10.8710



104.6370, 5.4560, 0.2400



95.1650, 82.7580, -2.0260



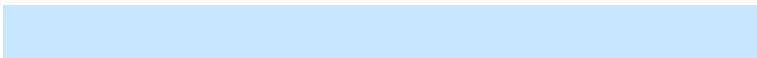
24.9070, 22.1910, -0.1850

Inverse Universe

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



198.0610, -19.1650, 0.4110



224.1680, -26.7760, 0.6800



186.3210, -13.6650, 10.8710



103.7760, -5.1810, 0.2830



78.4220, -83.0330, 1.5030



20.5060, -21.9160, 0.7080

Previews

White Background



This preview shows how the YIQ color 201.9390, 19.1650, -0.4110 looks on a white background.

Color Contrast Check

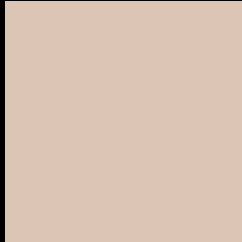
Large Text (above 18pt) WCAG AA × Fail

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 201.9390, 19.1650, -0.4110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

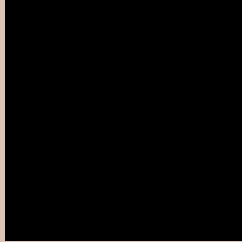
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.9390, 19.1650, -0.4110

Background



This preview shows how black text looks on a background with the YIQ color 201.9390, 19.1650, -0.4110.



This preview shows how white text looks on a background with the YIQ color 201.9390, 19.1650,

-0.4110.

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

201.9390, 19.1650, -0.4110

Protanopia

201.2260, 10.8670, -4.2130

Deuteranopia

202.6840, 24.4370, 3.1650



Tritanopia

203.9790, 13.6610, 11.2370

Trichromacy



Original Color

201.9390, 19.1650, -0.4110

Protanomaly

201.7210, 13.8470, -3.1530

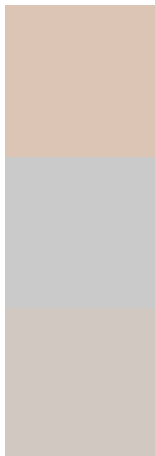
Deuteranomaly

202.3740, 22.3740, 2.0060

Tritanomaly

203.1270, 16.0000, 7.3920

Monochromacy



Original Color

201.9390, 19.1650, -0.4110

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

202.0070, 7.2900, 0.0420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.9390, 19.1650, -0.4110 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(220, 197, 180)` looks like.

```
.text, #text, p{  
    color:rgb(220, 197, 180)  
}
```

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(220, 197, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 197, 180) }
```

Border

The CSS property to change the border of an element to YIQ 201.9390, 19.1650, -0.4110 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(220, 197, 180) }
```


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

```
.border{ border-color:rgb(220, 197, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 197, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 197, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 197, 180);  
box-shadow:4px 4px 4px 4px rgb(220, 197,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 201.9390, 19.1650, -0.4110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 197, 180) }
```

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

```
.background{ background-color: rgb(220,  
197, 180) }
```

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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