

Converting Colors

YIQ(219.1390, 6.5580, -8.7220)

Have a look what the booklet for
YIQ(219.1390, 6.5580, -8.7220)
contains.

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Color

**YIQ(219.1390, 6.5580,
-8.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	DCDFC5
RGB	220, 223, 197
RGB Percent	86%, 87%, 77%
CMY	0.1373, 0.1255, 0.2274
CMYK	0.01, 0.00, 0.12, 0.13
HSL	67°, 29%, 82%
HSV	67°, 12%, 87%
XYZ	65.9808, 72.0225, 63.2546
YIQ	219.1390, 6.5580, -8.7220

Conversions

Conversions Part 2

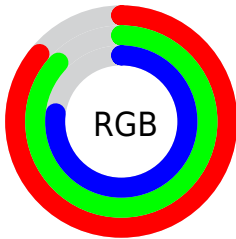
Format	Color
RYB	197, 223, 200
Decimal	14475205
CIELab	87.98, -5.47, 12.39
CIELCh	88, 13.546, 113.801
Yxy	72.0225, 0.3278, 0.3579
Android (android.graphics.Color)	4292665285 (0xFFDCDFC5)
YUV	219.1390, -10.9145, 0.7551
Hunter-Lab	84.8660, -9.7372, 15.2147

Details

The YIQ color $219.1390, 6.5580, -8.7220$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $200.8610, -6.5580, 8.7220$, and the grayscale version is $219.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $254.8860, 0.3210, -0.3110$, and $164.2530, 6.2370, -8.4110$ is the 20% darker color. If you saturate the color by 10%, you get $215.7340, 11.8320, -16.2000$, and if you desaturate by 10%, it is $222.5440, 1.2840, -1.2440$.

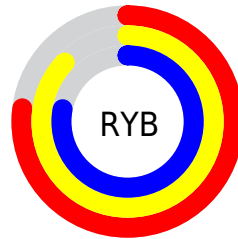
Distribution



Red (86%)

Green (87%)

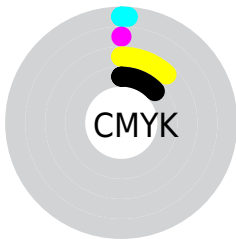
Blue (77%)



Red (77%)

Yellow (87%)

Blue (78%)

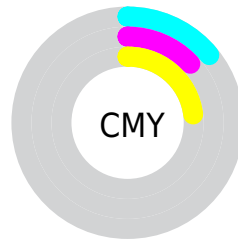


Cyan (1%)

Magenta (0%)

Yellow (12%)

Black (13%)



Cyan (14%)

Magenta (13%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.1390, 6.5580, -8.7220 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 219.1390, 6.5580, -8.7220 by changing the saturation by 10% instead.

■ 219.1390, 6.5580,
-8.7220

■ 219.1390, 6.5580,
-8.7220

255.0000, -0.0000,
-0.0000

■ 191.2530, 6.2370,
-8.4110

254.8860, 0.3210,
-0.3110

■ 164.2530, 6.2370,
-8.4110

■ 137.7800, 6.1910,
-7.5770

■ 112.4810, 5.5950,
-7.7890

■ 87.5950, 5.2740,
-7.4780

■ 64.7090, 4.9530,
-7.1670

■ 42.8230, 4.6320,

-6.8560

■ 21.5520, 6.8330,
-8.1990

■ 0.0000, 0.0000,
0.0000

■ 219.1390, 6.5580,
-8.7220

■ 219.1390, 6.5580,
-8.7220

■ 215.7340, 11.8320,
-16.2000

■ 222.5440, 1.2840,
-1.2440

■ 212.5140, 18.0230,
-23.7770

■ 225.7640, -4.9070,
6.3330

■ 209.1090, 23.2970,
-31.2550

■ 228.1430, -7.2920,
11.0120

■ 206.0030, 29.1670,
-38.5210

■ 228.7410, -6.1000,
11.4360

■ 202.5980, 34.4410,
-45.9990

■ 229.6380, -4.3120,
12.0720

■ 199.0790, 40.0360,
-53.7880

■ 230.2360, -3.1200,
12.4960

■ 195.9730, 45.9060,
-61.0540

■ 231.1330, -1.3320,
13.1320

■ 192.5680, 51.1800,
-68.5320

■ 232.0300, 0.4560,
13.7680

■ 189.8040, 56.0870,
-74.8650

■ 232.6280, 1.6480,
14.1920

Harmonies

Analogous

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



220.7490, 16.6440, -4.2840



219.1390, 6.5580, -8.7220



217.3270, -5.7750, -10.9830

Triad

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



219.1390, 6.5580, -8.7220



217.5440, -25.0790, -2.5430



223.2350, 15.8160, 10.7280

Complementary

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



219.1390, 6.5580, -8.7220



200.8610, -6.5580, 8.7220

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.



222.7870, 5.4540, 11.2940



219.1390, 6.5580, -8.7220



219.9410, -18.7070, 3.1250

Square

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



219.1390, 6.5580, -8.7220



216.2680, -24.4820, -7.8580



221.5620, -7.1540, 8.5100



222.9490, 22.3730, 7.5330

Rectangle

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



219.1390, 6.5580, -8.7220



217.0210, -13.6610, -11.2370



221.5620, -7.1540, 8.5100



223.6800, 13.0650, 11.0250

Sweetspot

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



219.1390, 6.5580, -8.7220



253.7890, 1.9720, -2.7000



206.5350, 14.6710, 3.9430



127.0170, 1.3300, -2.0780



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.



219.1390, 6.5580, -8.7220



249.7000, 9.1720, -12.0440



215.2520, -1.1900, -11.4780



110.4470, 2.9350, -3.6330



149.9560, 44.5760, -58.9760



41.0330, 12.4280, -15.9880

Inverse Universe

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



200.8610, -6.5580, 8.7220



224.3000, -9.1720, 12.0440



204.7480, 1.1900, 11.4780



102.5530, -2.9350, 3.6330



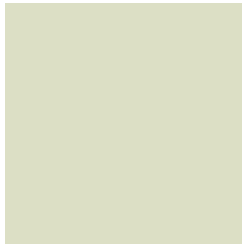
26.0440, -44.5760, 58.9760



7.2660, -11.8320, 16.2000

Previews

White Background



This preview shows how the YIQ color 219.1390, 6.5580, -8.7220 looks on a white background.

Color Contrast Check

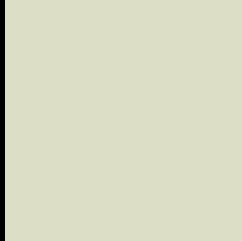
Large Text (above 18pt) WCAG AA × Fail

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 219.1390, 6.5580, -8.7220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

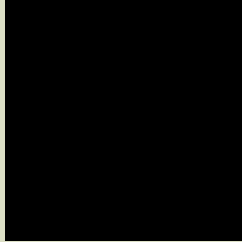
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

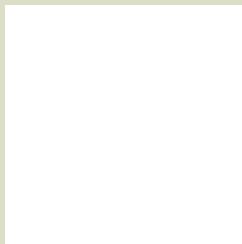
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.1390, 6.5580, -8.7220

Background



This preview shows how black text looks on a background with the YIQ color 219.1390, 6.5580, -8.7220.



This preview shows how white text looks on a background with the YIQ color 219.1390, 6.5580,

-8.7220.

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

219.1390, 6.5580, -8.7220

Protanopia

220.1400, 13.9850, -5.6550

Deuteranopia

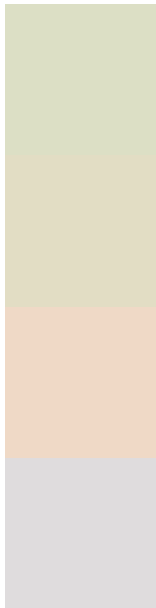
222.4670, 26.5460, 3.4900



Tritanopia

222.0310, -1.2850, 6.7710

Trichromacy



Original Color

219.1390, 6.5580, -8.7220

Protanomaly

219.6450, 11.0050, -6.7150

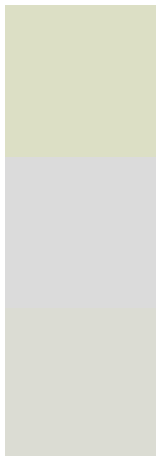
Deuteranomaly

221.4120, 19.2110, -1.2450

Tritanomaly

221.0110, 1.4670, 0.9470

Monochromacy



Original Color

219.1390, 6.5580, -8.7220

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

218.6750, 2.2930, -3.0110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.1390, 6.5580, -8.7220 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, 223, 197)` looks like.

```
.text, #text, p{  
    color:rgb(220, 223, 197)  
}
```

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, 223, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 223, 197) }
```

Border

The CSS property to change the border of an element to YIQ 219.1390, 6.5580, -8.7220 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, 223, 197) }
```


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

```
.border{ border-color:rgb(220, 223, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 223, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 223, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 223, 197);  
box-shadow:4px 4px 4px 4px rgb(220, 223,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 219.1390, 6.5580, -8.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 223, 197) }
```

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

```
.background{ background-color: rgb(220,  
223, 197) }
```

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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