

Converting Colors

YIQ(220.1480, 2.3390, -3.8450)

Have a look what the booklet for
YIQ(220.1480, 2.3390, -3.8450)
contains.

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Color

**YIQ(220.1480, 2.3390,
-3.8450)**

Conversions

Conversions Part 1

Format	Color
Hex	DCDED3
RGB	220, 222, 211
RGB Percent	86%, 87%, 83%
CMY	0.1373, 0.1294, 0.1725
CMYK	0.01, 0.00, 0.05, 0.13
HSL	71°, 14%, 85%
HSV	71°, 5%, 87%
XYZ	67.3942, 72.1615, 72.0075
YIQ	220.1480, 2.3390, -3.8450

Conversions

Conversions Part 2

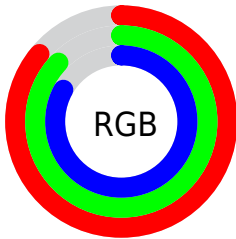
Format	Color
RYB	211, 222, 213
Decimal	14474963
CIELab	88.05, -2.62, 5.14
CIElCh	88, 5.769, 116.965
Yxy	72.1615, 0.3186, 0.3411
Android (android.graphics.Color)	4292665043 (0xFFDCDED3)
YUV	220.1480, -4.5100, -0.1298
Hunter-Lab	84.9479, -7.0443, 9.2054

Details

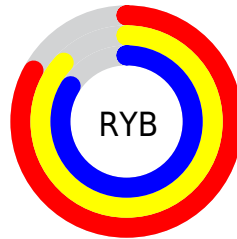
The YIQ color $220.1480, 2.3390, -3.8450$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $212.8520, -2.3390, 3.8450$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $165.2620, 2.0180, -3.5340$ is the 20% darker color. If you saturate the color by 10%, you get $216.4440, 7.0170, -11.5350$, and if you desaturate by 10%, it is $223.8520, -2.3390, 3.8450$.

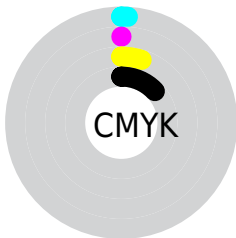
Distribution



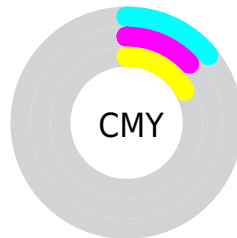
- Red (86%)
- Green (87%)
- Blue (83%)



- Red (83%)
- Yellow (87%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.1480, 2.3390, -3.8450 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 220.1480, 2.3390, -3.8450 by changing the saturation by 10% instead.

■ 220.1480, 2.3390,
-3.8450

■ 220.1480, 2.3390,
-3.8450

255.0000, -0.0000,
-0.0000

■ 192.1480, 2.3390,
-3.8450

■ 165.2620, 2.0180,
-3.5340

■ 139.1480, 2.3390,
-3.8450

■ 113.2620, 2.0180,
-3.5340

■ 89.2620, 2.0180,
-3.5340

■ 65.3760, 1.6970,
-3.2230

■ 43.4900, 1.3760,

-2.9120

■ 22.7890, 1.9720,
-2.7000

■ 0.0000, 0.0000,
0.0000

■ 220.1480, 2.3390,
-3.8450

■ 220.1480, 2.3390,
-3.8450

■ 216.4440, 7.0170,
-11.5350

■ 223.8520, -2.3390,
3.8450

■ 212.7400, 11.6950,
-19.2250

■ 227.5560, -7.0170,
11.5350

■ 208.9220, 16.6940,
-27.2260

■ 228.7520, -4.6330,
12.3830

■ 205.2180, 21.3720,
-34.9160

■ 229.9480, -2.2490,
13.2310

■ 201.5140, 26.0500,
-42.6060

■ 231.1440, 0.1350,
14.0790

■ 197.8100, 30.7280,
-50.2960

■ 232.3400, 2.5190,
14.9270

■ 194.1060, 35.4060,
-57.9860

■ 233.5360, 4.9030,
15.7750

■ 190.2880, 40.4050,
-65.9870

■ 234.7320, 7.2870,
16.6230

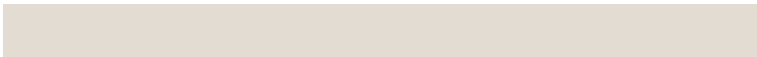
■ 186.5840, 45.0830,
-73.6770

■ 235.6290, 9.0750,
17.2590

Harmonies

Analogous

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



220.6540, 6.7860, -1.8380



220.1480, 2.3390, -3.8450



219.3970, -2.7960, -4.3960

Triad

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



220.1480, 2.3390, -3.8450



219.9110, -9.9950, -0.5790



222.0550, 7.3350, 4.7350

Complementary

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



220.1480, 2.3390, -3.8450



212.8520, -2.3390, 3.8450

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.



222.0160, 3.0710, 4.9190



220.1480, 2.3390, -3.8450



220.4600, -7.1070, 2.1490

Square

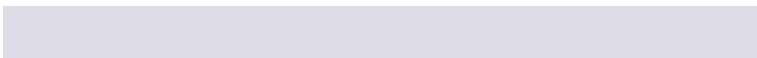
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.1480, 2.3390, -3.8450



219.4440, -10.1780, -2.7700



221.5530, -2.9350, 3.6330



221.6700, 9.8570, 3.0810

Rectangle

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



220.1480, 2.3390, -3.8450



219.1300, -6.4180, -4.8340



221.5530, -2.9350, 3.6330



221.8700, 6.4180, 4.8340

Sweetspot

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



220.1480, 2.3390, -3.8450



254.6580, 0.9630, -0.9330



215.4630, 6.0060, 1.2860



127.4730, 0.0460, -0.8340



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.



220.1480, 2.3390, -3.8450



252.3930, 3.0270, -5.3010



218.6530, -0.6410, -4.9050



110.7890, 1.9720, -2.7000



146.3680, 37.4240, -61.5200



40.1360, 10.6400, -16.6240

Inverse Universe

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



212.8520, -2.3390, 3.8450



242.3080, -3.6230, 5.0890



214.3470, 0.6410, 4.9050



105.5100, -1.3760, 2.9120



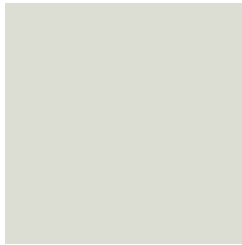
29.6320, -37.4240, 61.5200



8.1630, -10.0440, 16.8360

Previews

White Background



This preview shows how the YIQ color 220.1480, 2.3390, -3.8450 looks on a white background.

Color Contrast Check

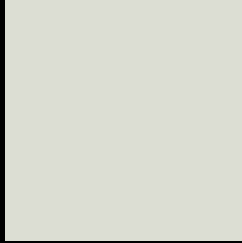
Large Text (above 18pt) WCAG AA × Fail

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 220.1480, 2.3390, -3.8450 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

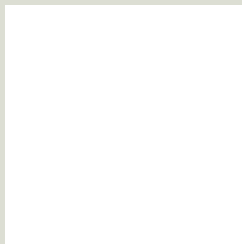
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 220.1480, 2.3390, -3.8450

Background



This preview shows how black text looks on a background with the YIQ color 220.1480, 2.3390, -3.8450.



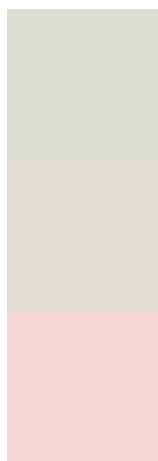
This preview shows how white text looks on a background with the YIQ color 220.1480, 2.3390,

-3.8450.

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

220.1480, 2.3390, -3.8450

Protanopia

220.9530, 7.3820, -1.6260

Deuteranopia

222.5680, 19.0720, 6.7840



Tritanopia

221.8460, -2.2020, 6.8700

Trichromacy



Original Color

220.1480, 2.3390, -3.8450

Protanomaly

220.6430, 5.3190, -2.7850

Deuteranomaly

221.5240, 13.2040, 2.9960

Tritanomaly

221.1080, -0.1840, 3.3360

Monochromacy



Original Color

220.1480, 2.3390, -3.8450

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.2450, 0.6880, -1.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.1480, 2.3390, -3.8450 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, 222, 211)` looks like.

```
.text, #text, p{  
    color:rgb(220, 222, 211)  
}
```

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, 222, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 222, 211) }
```

Border

The CSS property to change the border of an element to YIQ 220.1480, 2.3390, -3.8450 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, 222, 211) }
```


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

```
.border{ border-color:rgb(220, 222, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 222, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 222, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 222, 211);  
box-shadow:4px 4px 4px 4px rgb(220, 222,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 220.1480, 2.3390, -3.8450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 222, 211) }
```

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

```
.background{ background-color: rgb(220,  
222, 211) }
```

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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