

Converting Colors

YIQ(220.0690, -4.4480, 3.5200)

Have a look what the booklet for
YIQ(220.0690, -4.4480, 3.5200)
contains.

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Color

**YIQ(220.0690, -4.4480,
3.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	DADBE7
RGB	218, 219, 231
RGB Percent	85%, 86%, 91%
CMY	0.1451, 0.1412, 0.0941
CMYK	0.06, 0.05, 0.00, 0.09
HSL	235°, 21%, 88%
HSV	235°, 6%, 91%
XYZ	68.6683, 71.3380, 85.7466
YIQ	220.0690, -4.4480, 3.5200

Conversions

Conversions Part 2

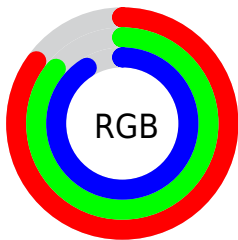
Format	Color
R _Y B	218, 219, 231
Decimal	14343143
CIE Lab	87.65, 1.89, -5.99
CIE LCh	88, 6.278, 287.509
Yxy	71.3380, 0.3042, 0.3160
Android (android.graphics.Color)	4292533223 (0xFFDADBE7)
YUV	220.0690, 5.3890, -1.8145
Hunter-Lab	84.4618, -2.6860, -1.0686

Details

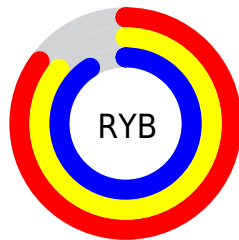
The YIQ color `220.0690, -4.4480, 3.5200` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `228.9310, 4.4480, -3.5200`, and the grayscale version is `220.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, -0.0000, -0.0000`, and `164.9550, -4.1270, 3.2090` is the 20% darker color. If you saturate the color by 10%, you get `200.8650, -12.3810, 9.6270`, and if you desaturate by 10%, it is `239.2730, 3.4850, -2.5870`.

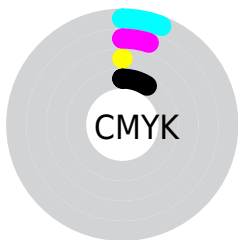
Distribution



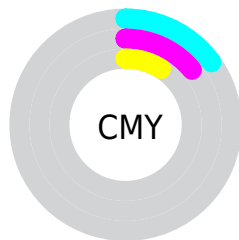
- Red (85%)
- Green (86%)
- Blue (91%)



- Red (85%)
- Yellow (86%)
- Blue (91%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (15%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.0690, -4.4480, 3.5200 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 220.0690, -4.4480, 3.5200 by changing the saturation by 10% instead.

■ 220.0690, -4.4480,
3.5200

■ 220.0690, -4.4480,
3.5200

255.0000, -0.0000,
-0.0000

■ 192.0690, -4.4480,
3.5200

■ 164.9550, -4.1270,
3.2090

■ 138.9550, -4.1270,
3.2090

■ 112.9550, -4.1270,
3.2090

■ 88.8410, -3.8060,
2.8980

■ 65.7270, -3.4850,
2.5870

■ 43.7270, -3.4850,

2.5870

■ 22.7270, -3.4850,
2.5870

■ 0.5700, -1.6050,
1.5550

■ 220.0690, -4.4480,
3.5200

■ 220.0690, -4.4480,
3.5200

■ 200.8650,
-12.3810, 9.6270

■ 239.2730, 3.4850,
-2.5870

■ 181.0740,
-20.0390, 16.2570

■ 252.2640, 7.7040,
-7.4640

■ 161.8700,
-27.9720, 22.3640

■ 142.6660,
-35.9050, 28.4710

■ 122.8750,
-43.5630, 35.1010

■ 103.3720,
-52.0920, 40.9960

■ 84.1680, -60.0250,
47.1030

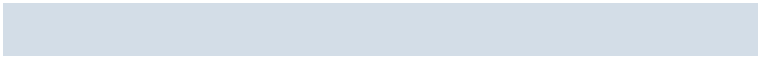
■ 64.3770, -67.6830,
53.7330

■ 45.1730, -75.6160,
59.8400

Harmonies

Analogous

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



219.1500, -9.1700, 0.9900



220.0690, -4.4480, 3.5200



220.6460, 1.2370, 5.1170

Triad

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



220.0690, -4.4480, 3.5200



220.8010, 10.8660, 1.3140



217.8310, -7.0140, -5.0460

Complementary

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



220.0690, -4.4480, 3.5200



228.9310, 4.4480, -3.5200

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.



218.4680, -1.5580, -4.8060



220.0690, -4.4480, 3.5200



219.5510, 8.5740, -1.2020

Square

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



220.0690, -4.4480, 3.5200



221.0830, 10.1320, 3.6040



218.9310, 4.4480, -3.5200



217.6180, -10.7280, -3.8160

Rectangle

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



220.0690, -4.4480, 3.5200



220.7990, 5.1800, 5.2440



218.9310, 4.4480, -3.5200



218.2010, -5.1800, -5.2440

Sweetspot

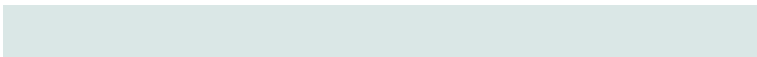
The Sweet Spot groups the original color and five complimentary colors.



220.0690, -4.4480, 3.5200



250.5700, -1.6050, 1.5550



226.9990, -7.4270, -3.0670



125.3420, -0.9630, 0.9330



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.



220.0690, -4.4480, 3.5200



240.2260, -6.3280, 4.5520



220.9770, -1.1930, 5.1030



107.0260, -2.8890, 2.7990



28.6240, -61.3090, 48.3470



8.1620, -17.4710, 13.7690

Inverse Universe

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



222.0010, 7.4270, 3.0670



242.6100, 10.0860, 4.4380



228.0230, 1.1930, -5.1030



108.6910, 5.3640, 1.9080



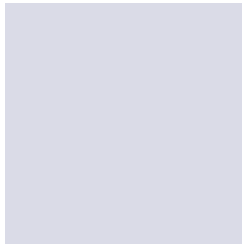
55.1170, 102.1900, 42.3020



15.7050, 29.1120, 12.0560

Previews

White Background



This preview shows how the YIQ color 220.0690, -4.4480, 3.5200 looks on a white background.

Color Contrast Check

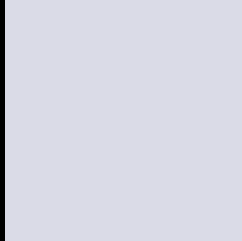
Large Text (above 18pt) WCAG AA × Fail

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 220.0690, -4.4480, 3.5200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

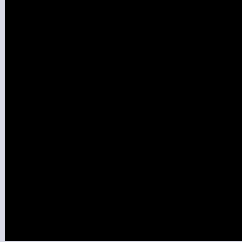
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

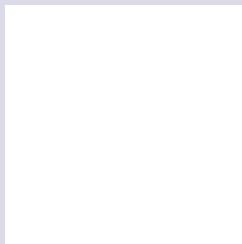
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 220.0690, -4.4480, 3.5200

Background



This preview shows how black text looks on a background with the YIQ color 220.0690, -4.4480, 3.5200.



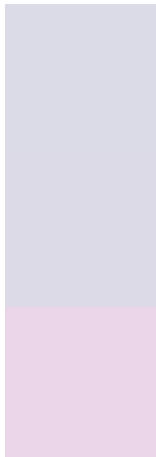
This preview shows how white text looks on a background with the YIQ color 220.0690, -4.4480,

3.5200.

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

220.0690, -4.4480, 3.5200

Protanopia

220.0800, -2.9810, 4.4670

Deuteranopia

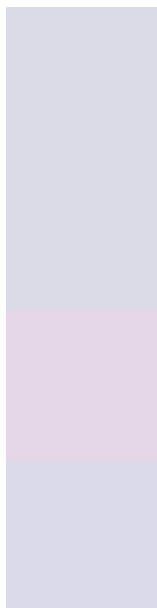
221.7440, 7.0130, 10.5730



Tritanopia

220.3510, -5.1820, 5.8100

Trichromacy



Original Color

220.0690, -4.4480, 3.5200

Protanomaly

219.7810, -3.5770, 4.2550

Deuteranomaly

221.1240, 2.8870, 8.2550

Tritanomaly

220.1230, -4.5400, 5.1880

Monochromacy



Original Color

220.0690, -4.4480, 3.5200

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.1570, -1.8800, 1.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.0690, -4.4480, 3.5200 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(218, 219, 231)` looks like.

```
.text, #text, p{  
    color:rgb(218, 219, 231)  
}
```

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(218, 219, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 219, 231) }
```

Border

The CSS property to change the border of an element to YIQ 220.0690, -4.4480, 3.5200 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(218, 219, 231) }
```


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

```
.border{ border-color:rgb(218, 219, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 219, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 219, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 219, 231);  
box-shadow:4px 4px 4px 4px rgb(218, 219,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 220.0690, -4.4480, 3.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 219, 231) }
```

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

```
.background{ background-color: rgb(218,  
219, 231) }
```

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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