

Converting Colors

YIQ(225.4290, -5.8220, -4.6220)

Have a look what the booklet for
YIQ(225.4290, -5.8220, -4.6220)
contains.

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Color

**YIQ(225.4290, -5.8220,
-4.6220)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E6E0
RGB	217, 230, 224
RGB Percent	85%, 90%, 88%
CMY	0.1490, 0.0980, 0.1216
CMYK	0.06, 0.00, 0.03, 0.10
HSL	152°, 21%, 88%
HSV	152°, 6%, 90%
XYZ	70.3649, 76.7286, 81.6191
YIQ	225.4290, -5.8220, -4.6220

Conversions

Conversions Part 2

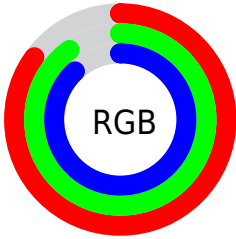
Format	Color
RYB	217, 225, 230
Decimal	14280416
CIELab	90.20, -5.43, 1.42
CIElCh	90, 5.609, 165.363
Yxy	76.7286, 0.3077, 0.3355
Android (android.graphics.Color)	4292470496 (0xFFD9E6E0)
YUV	225.4290, -0.7045, -7.3922
Hunter-Lab	87.5949, -9.9021, 6.0712

Details

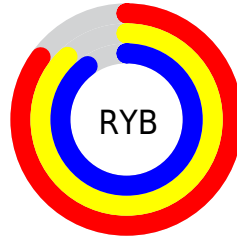
The YIQ color $225.4290, -5.8220, -4.6220$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $221.5710, 5.8220, 4.6220$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.4290, -5.8220, -4.6220$ is the 20% darker color. If you saturate the color by 10%, you get $217.2980, -15.9990, -12.9190$, and if you desaturate by 10%, it is $233.5600, 4.3550, 3.6750$.

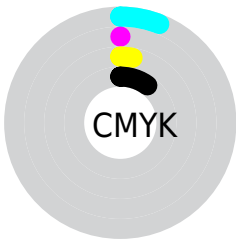
Distribution



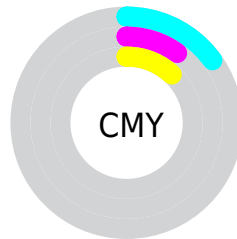
- Red (85%)
- Green (90%)
- Blue (88%)



- Red (85%)
- Yellow (88%)
- Blue (90%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (15%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.4290, -5.8220, -4.6220 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 225.4290, -5.8220, -4.6220 by changing the saturation by 10% instead.

■ 225.4290, -5.8220,
-4.6220

■ 225.4290, -5.8220,
-4.6220

255.0000, -0.0000,
-0.0000

■ 197.4290, -5.8220,
-4.6220

■ 170.4290, -5.8220,
-4.6220

■ 143.7280, -5.2260,
-4.4100

■ 118.1410, -4.9510,
-3.8870

■ 93.1410, -4.9510,
-3.8870

■ 70.1410, -4.9510,
-3.8870

■ 47.5540, -4.6760,

-3.3640

■ 26.5540, -4.6760,
-3.3640

■ 0.5870, -0.2750,
-0.5230

■ 225.4290, -5.8220,
-4.6220

■ 225.4290, -5.8220,
-4.6220

■ 217.2980,
-15.9990, -12.9190

■ 233.5600, 4.3550,
3.6750

■ 209.2810,
-26.4970, -20.9050

■ 239.1850, 10.0850,
9.9650

■ 201.1500,
-36.6740, -29.2020

■ 240.3250, 6.8750,
13.0750

■ 193.0190,
-46.8510, -37.4990

■ 185.0020,
-57.3490, -45.4850

■ 176.8710,
-67.5260, -53.7820

■ 168.8540,
-78.0240, -61.7680

■ 160.7230,
-88.2010, -70.0650

■ 152.5920,
-98.3780, -78.3620

Harmonies

Analogous

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



225.7670, -0.9620, -4.5940



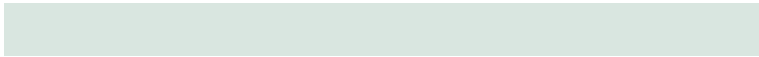
225.4290, -5.8220, -4.6220



225.1020, -9.2150, -3.7030

Triad

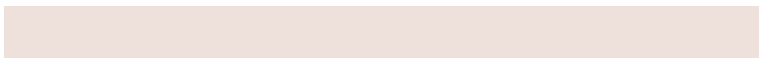
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225.4290, -5.8220, -4.6220



226.9550, -4.1270, 3.2090



227.6160, 9.9490, 1.4130

Complementary

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



225.4290, -5.8220, -4.6220



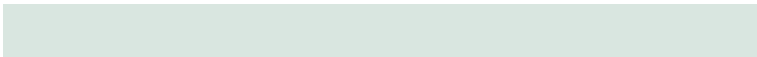
221.5710, 5.8220, 4.6220

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.



227.8980, 9.2150, 3.7030



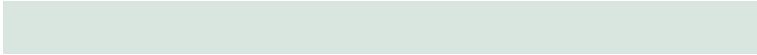
225.4290, -5.8220, -4.6220



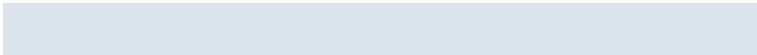
227.8200, 0.6870, 4.0710

Square

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



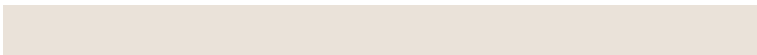
225.4290, -5.8220, -4.6220



226.3350, -8.2530, 0.8910



228.2720, 5.2260, 4.4100



227.3660, 7.6570, -1.1030

Rectangle

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



225.4290, -5.8220, -4.6220



225.5580, -10.4990, -2.4590



228.2720, 5.2260, 4.4100



228.1430, 9.9030, 2.2470

Sweetspot

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



225.4290, -5.8220, -4.6220



253.2770, -2.3380, -1.6820



226.4250, 0.0010, -5.5270



126.8750, -1.1460, -1.2580



0.0000, 0.0000, 0.0000



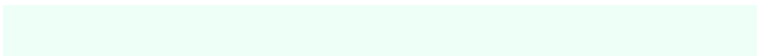
128.0000, -0.0000, -0.0000

Same Dimension

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



225.4290, -5.8220, -4.6220



248.7060, -8.1600, -6.3040



226.1130, -7.7480, -2.7560



111.8530, -4.0800, -3.1520



116.0170, -80.0410, -63.7610



33.0150, -22.6920, -18.2760

Inverse Universe

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



221.5710, 5.8220, 4.6220



243.2940, 8.1600, 6.3040



220.8870, 7.7480, 2.7560



109.1470, 4.0800, 3.1520



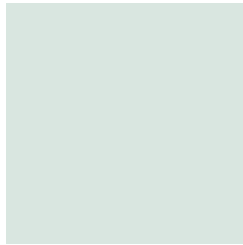
62.8690, 80.3620, 63.4500



17.9850, 22.6920, 18.2760

Previews

White Background



This preview shows how the YIQ color 225.4290, -5.8220, -4.6220 looks on a white background.

Color Contrast Check

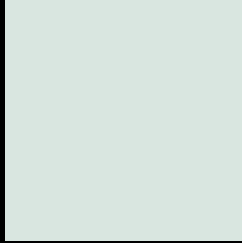
Large Text (above 18pt) WCAG AA × Fail

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 225.4290, -5.8220, -4.6220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

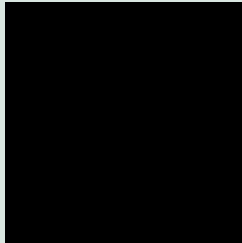
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

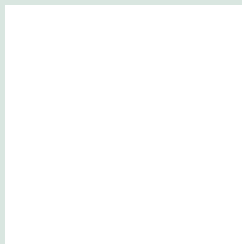
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 225.4290, -5.8220, -4.6220

Background



This preview shows how black text looks on a background with the YIQ color 225.4290, -5.8220, -4.6220.



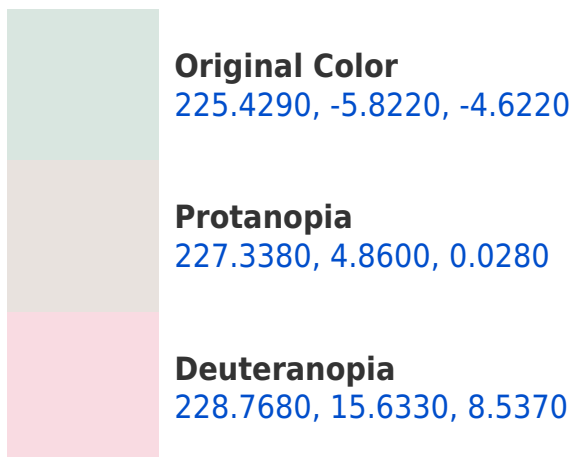
This preview shows how white text looks on a background with the YIQ color 225.4290, -5.8220, -4.6220.

-4.6220.

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

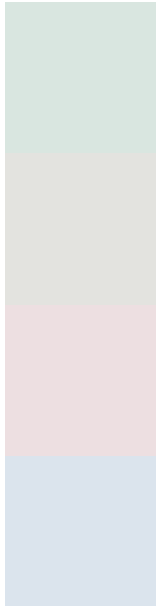




Tritanopia

226.9590, -9.9500, 4.1140

Trichromacy



Original Color

225.4290, -5.8220, -4.6220

Protanomaly

226.5440, 1.2840, -1.2440

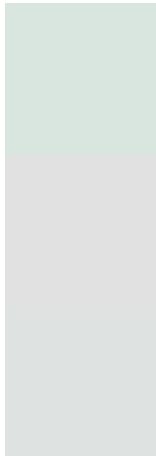
Deuteranomaly

227.4140, 7.7020, 3.5900

Tritanomaly

226.3350, -8.2530, 0.8910

Monochromacy



Original Color

225.4290, -5.8220, -4.6220

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

225.2770, -2.3380, -1.6820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.4290, -5.8220, -4.6220 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, 230, 224)` looks like.

```
.text, #text, p{  
    color:rgb(217, 230, 224)  
}
```

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, 230, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 230, 224) }
```

Border

The CSS property to change the border of an element to YIQ 225.4290, -5.8220, -4.6220 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, 230, 224) }
```


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

```
.border{ border-color:rgb(217, 230, 224) }
```

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

Here you see how a box with a 4 pixel rgb(217, 230, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 230, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 230, 224);  
box-shadow:4px 4px 4px 4px rgb(217, 230,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 225.4290, -5.8220, -4.6220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 230, 224) }
```

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

```
.background{ background-color: rgb(217,  
230, 224) }
```

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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