

Converting Colors

YIQ(225.9060, -11.5990,
-4.5510)

Have a look what the booklet for
YIQ(225.9060, -11.5990, -4.5510)
contains.

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Color

**YIQ(225.9060, -11.5990,
-4.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E8E7
RGB	212, 232, 231
RGB Percent	83%, 91%, 91%
CMY	0.1687, 0.0901, 0.0942
CMYK	0.09, 0.00, 0.00, 0.09
HSL	177°, 30%, 87%
HSV	177°, 9%, 91%
XYZ	70.4290, 77.4820, 86.8363
YIQ	225.9060, -11.5990, -4.5510

Conversions

Conversions Part 2

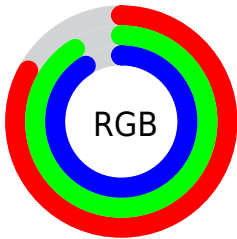
Format	Color
R _Y B	212, 222, 232
Decimal	13953255
CIE Lab	90.54, -6.78, -1.78
CIE LCh	91, 7.012, 194.676
Yxy	77.4820, 0.3000, 0.3301
Android (android.graphics.Color)	4292143335 (0xFFD4E8E7)
YUV	225.9060, 2.5113, -12.1956
Hunter-Lab	88.0239, -11.2218, 3.1267

Details

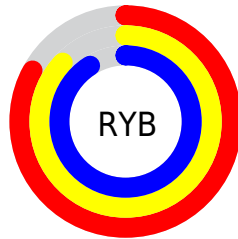
The YIQ color **225.9060, -11.5990, -4.5510** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **218.0940, 11.5990, 4.5510**, and the grayscale version is **226.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **170.2050, -11.0030, -4.3390** is the 20% darker color. If you saturate the color by 10%, you get **218.9150, -24.9860, -9.7380**, and if you desaturate by 10%, it is **232.8970, 1.7880, 0.6360**.

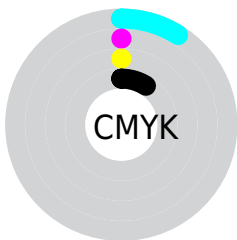
Distribution



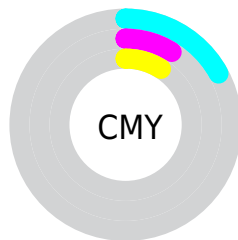
- Red (83%)
- Green (91%)
- Blue (91%)



- Red (83%)
- Yellow (87%)
- Blue (91%)



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



- Cyan (17%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.9060, -11.5990, -4.5510 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 225.9060, -11.5990, -4.5510 by changing the saturation by 10% instead.

■ 225.9060,
-11.5990, -4.5510

■ 225.9060,
-11.5990, -4.5510

255.0000, -0.0000,
-0.0000

■ 197.9060,
-11.5990, -4.5510

■ 170.2050,
-11.0030, -4.3390

■ 144.2050,
-11.0030, -4.3390

■ 118.5040,
-10.4070, -4.1270

■ 93.8030, -9.8110,
-3.9150

■ 69.8030, -9.8110,
-3.9150

■ 47.2160, -9.5360,

-3.3920

■ 26.5150, -8.9400,
-3.1800

■ 3.0320, -3.0260,
-0.2260

■ 225.9060,
-11.5990, -4.5510

■ 225.9060,
-11.5990, -4.5510

■ 218.9150,
-24.9860, -9.7380

■ 232.8970, 1.7880,
0.6360

■ 211.9240,
-38.3730, -14.9250

■ 238.9910, 13.3870,
5.1870

■ 204.5200,
-52.0350, -20.6350

■ 239.2190, 12.7450,
5.8090

■ 197.5290,
-65.4220, -25.8220

■ 239.3330, 12.4240,
6.1200

■ 190.5380,
-78.8090, -31.0090

■ 239.4470, 12.1030,
6.4310

■ 183.5470,
-92.1960, -36.1960

■ 239.5610, 11.7820,
6.7420

■ 176.5560,
-105.5830, -41.3830

■ 239.6750, 11.4610,
7.0530

■ 169.2660,
-119.5660, -46.7820

■ 239.7890, 11.1400,
7.3640

■ 162.1610,
-132.6320, -52.2800

■ 240.0170, 10.4980,
7.9860

Harmonies

Analogous

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



226.3040, -6.9680, -5.8800



225.9060, -11.5990, -4.5510



226.3020, -12.6540, -1.9500

Triad

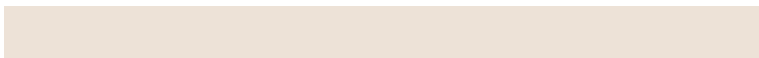
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225.9060, -11.5990, -4.5510



228.7600, 0.9160, 5.4280



228.0350, 10.0870, -1.0890

Complementary

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



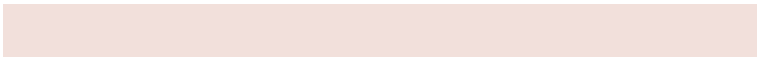
225.9060, -11.5990, -4.5510



218.0940, 11.5990, 4.5510

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.



228.8120, 12.3330, 2.2610



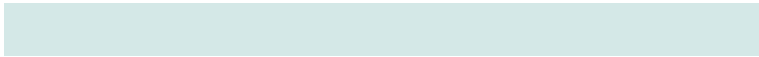
225.9060, -11.5990, -4.5510



229.6960, 6.9680, 5.8800

Square

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



225.9060, -11.5990, -4.5510



227.9980, -5.6860, 3.9300



229.7950, 11.0030, 4.3390



227.1160, 5.3650, -3.6190

Rectangle

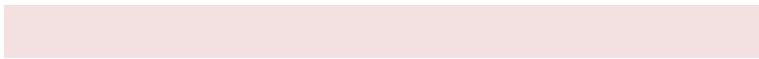
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.9060, -11.5990, -4.5510



226.9540, -11.5540, 0.1420



229.7950, 11.0030, 4.3390



228.7470, 10.9580, -0.3540

Sweetspot

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



225.9060, -11.5990, -4.5510



252.6080, -4.7680, -1.6960



224.0390, -4.9040, -10.2480



126.0920, -3.2550, -1.5830



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.



225.9060, -11.5990, -4.5510



247.4110, -14.5790, -5.6110



220.7370, -9.4450, 0.4670



111.2980, -6.8310, -2.8550



124.3390, -103.4740, -41.0580



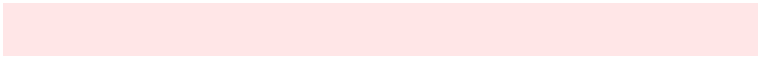
35.4090, -29.4330, -11.7450

Inverse Universe

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



218.0940, 11.5990, 4.5510



237.5890, 14.5790, 5.6110



223.2630, 9.4450, -0.4670



106.7020, 6.8310, 2.8550



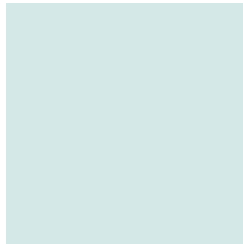
54.5470, 103.7950, 40.7470



15.5910, 29.4330, 11.7450

Previews

White Background



This preview shows how the YIQ color 225.9060, -11.5990, -4.5510 looks on a white background.

Color Contrast Check

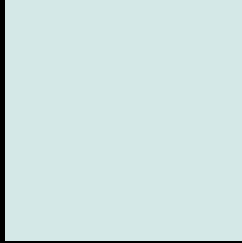
Large Text (above 18pt) WCAG AA × Fail

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 225.9060, -11.5990, -4.5510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

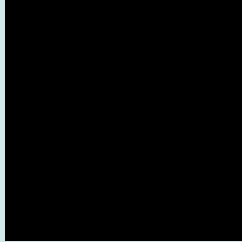
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

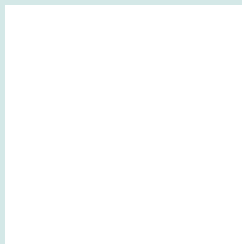
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 225.9060, -11.5990, -4.5510

Background



This preview shows how black text looks on a background with the YIQ color 225.9060, -11.5990, -4.5510.



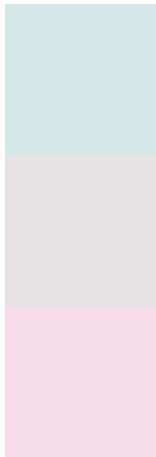
This preview shows how white text looks on a background with the YIQ color 225.9060, -11.5990, -4.5510.

-4.5510.

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

225.9060, -11.5990, -4.5510

Protanopia

227.7230, 2.3380, 1.6820

Deuteranopia

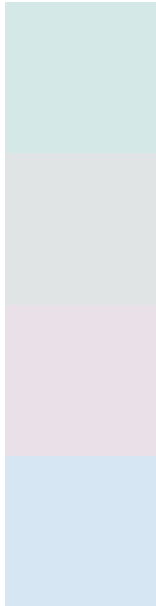
230.1420, 11.6440, 9.2440



Tritanopia

226.9800, -14.4430, 2.9410

Trichromacy



Original Color

225.9060, -11.5990, -4.5510

Protanomaly

226.9180, -2.7050, -0.5370

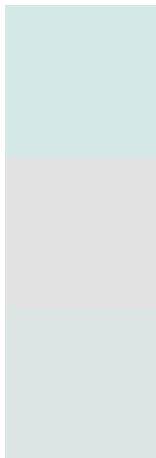
Deuteranomaly

228.4890, 3.1170, 4.0850

Tritanomaly

226.5840, -13.3880, 0.3400

Monochromacy



Original Color

225.9060, -11.5990, -4.5510

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

225.9070, -4.1720, -1.4840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.9060, -11.5990, -4.5510 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(212, 232, 231)` looks like.

```
.text, #text, p{  
    color:rgb(212, 232, 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(212, 232, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 232, 231) }
```

Border

The CSS property to change the border of an element to YIQ 225.9060, -11.5990, -4.5510 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(212, 232, 231) }
```


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

```
.border{ border-color:rgb(212, 232, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 232, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 232, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 232, 231);  
box-shadow:4px 4px 4px 4px rgb(212, 232,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 225.9060, -11.5990, -4.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 232, 231) }
```

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

```
.background{ background-color: rgb(212,  
232, 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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