

Converting Colors

YIQ(224.5350, -11.6920, 2.6440)

Have a look what the booklet for
YIQ(224.5350, -11.6920, 2.6440)
contains.

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Color

**YIQ(224.5350, -11.6920,
2.6440)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E2F2
RGB	215, 226, 242
RGB Percent	84%, 89%, 95%
CMY	0.1569, 0.1137, 0.0510
CMYK	0.11, 0.07, 0.00, 0.05
HSL	216°, 51%, 90%
HSV	216°, 11%, 95%
XYZ	71.2455, 75.2516, 94.7626
YIQ	224.5350, -11.6920, 2.6440

Conversions

Conversions Part 2

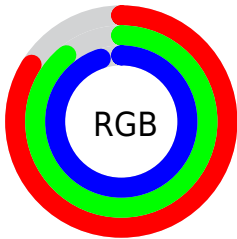
Format	Color
R _Y B	215, 223, 242
Decimal	14148338
CIE Lab	89.51, -0.59, -9.04
CIE LCh	90, 9.055, 266.252
Yxy	75.2516, 0.2953, 0.3119
Android (android.graphics.Color)	4292338418 (0xFFD7E2F2)
YUV	224.5350, 8.6102, -8.3622
Hunter-Lab	86.7477, -5.2071, -4.0446

Details

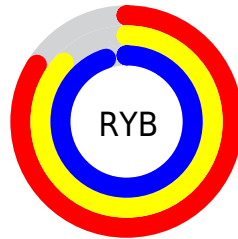
The YIQ color $224.5350, -11.6920, 2.6440$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $232.4650, 11.6920, -2.6440$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $169.4210, -11.3710, 2.3330$ is the 20% darker color. If you saturate the color by 10%, you get $209.1410, -22.1460, 4.8780$, and if you desaturate by 10%, it is $239.9290, -1.2380, 0.4100$.

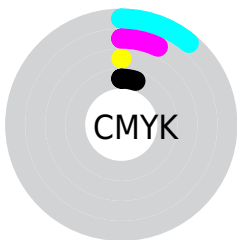
Distribution



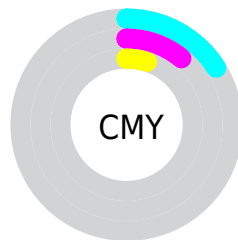
- Red (84%)
- Green (89%)
- Blue (95%)



- Red (84%)
- Yellow (87%)
- Blue (95%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.5350, -11.6920, 2.6440 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 224.5350, -11.6920, 2.6440 by changing the saturation by 10% instead.

■ 224.5350,
-11.6920, 2.6440

■ 224.5350,
-11.6920, 2.6440

255.0000, -0.0000,
-0.0000

■ 196.5350,
-11.6920, 2.6440

■ 169.4210,
-11.3710, 2.3330

■ 142.7200,
-10.7750, 2.5450

■ 117.3070,
-11.0500, 2.0220

■ 92.6060, -10.4540,
2.2340

■ 68.7910, -9.5370,
2.1350

■ 46.3780, -9.8120,

1.6120

■ 25.2640, -9.4910,
1.3010

■ 2.6390, -6.0530,
5.0750

■ 224.5350,
-11.6920, 2.6440

■ 224.5350,
-11.6920, 2.6440

■ 209.1410,
-22.1460, 4.8780

■ 239.9290, -1.2380,
0.4100

■ 193.1600,
-32.3250, 7.6350

■ 253.5180, 4.1730,
-4.0430

■ 177.4670,
-43.3750, 9.6570

■ 162.0730,
-53.8290, 11.8910

■ 146.0920,
-64.0080, 14.6480

■ 130.6980,
-74.4620, 16.8820

■ 115.3040,
-84.9160, 19.1160

■ 99.0240, -95.6910,
21.6610

■ 85.7010,
-104.9070, 23.4850

Harmonies

Analogous

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



223.5620, -16.3220, -1.5540



224.5350, -11.6920, 2.6440



225.8350, -3.6690, 5.9230

Triad

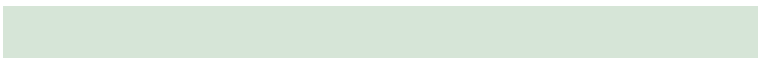
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224.5350, -11.6920, 2.6440



226.9480, 14.9460, 4.4660



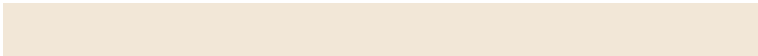
222.9190, -4.4460, -7.5340

Complementary

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



224.5350, -11.6920, 2.6440



232.4650, 11.6920, -2.6440

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.



224.0510, 3.9900, -6.2340



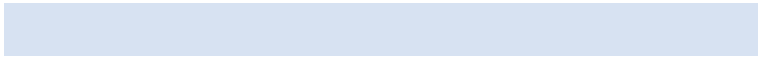
224.5350, -11.6920, 2.6440



225.8400, 15.1300, 1.1300

Square

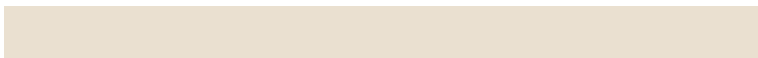
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.5350, -11.6920, 2.6440



226.6750, 11.4610, 7.0530



225.1660, 11.0960, -2.8560



222.3250, -11.4610, -7.0530

Rectangle

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



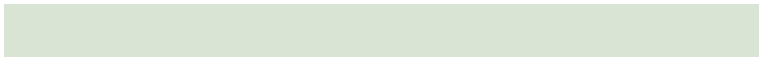
224.5350, -11.6920, 2.6440



226.1130, 1.4200, 7.3080



225.1660, 11.0960, -2.8560



223.0010, -1.7410, -6.9970

Sweetspot

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



224.5350, -11.6920, 2.6440



249.6730, -3.3930, 0.9190



232.6730, -12.5610, -9.1450



123.8580, -2.4760, 0.8200



0.0000, 0.0000, 0.0000



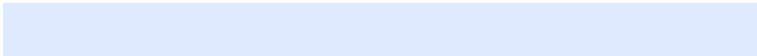
128.0000, -0.0000, -0.0000

Same Dimension

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



224.5350, -11.6920, 2.6440



233.3930, -14.1680, 3.4640



218.6760, -7.4750, 8.8210



112.3030, -5.2270, 1.1170



65.0010, -79.6890, 17.9990



19.8850, -24.3010, 5.3870

Inverse Universe

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



224.3270, 12.5610, 9.1450



233.3490, 15.4950, 11.0390



238.3240, 7.4750, -8.8210



112.1580, 5.5470, 4.0990



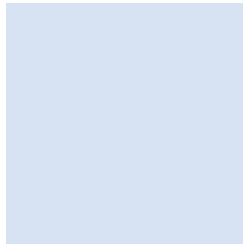
63.5660, 85.5890, 62.3330



19.3660, 25.9930, 19.0250

Previews

White Background



This preview shows how the YIQ color 224.5350, -11.6920, 2.6440 looks on a white background.

Color Contrast Check

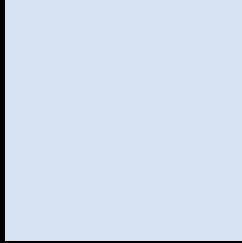
Large Text (above 18pt) WCAG AA × Fail

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 224.5350, -11.6920, 2.6440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

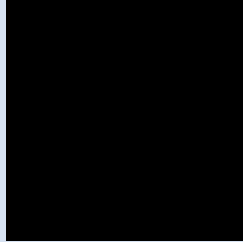
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 224.5350, -11.6920, 2.6440

Background



This preview shows how black text looks on a background with the YIQ color 224.5350, -11.6920, 2.6440.



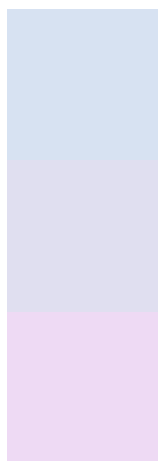
This preview shows how white text looks on a background with the YIQ color 224.5350, -11.6920,

2.6440.

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

224.5350, -11.6920, 2.6440

Protanopia

225.2370, -4.8610, 5.4990

Deuteranopia

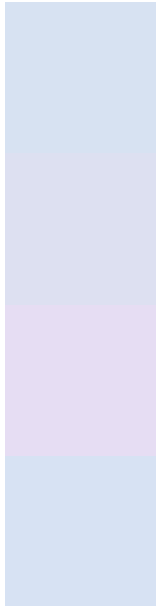
226.9440, 3.5740, 12.3260



Tritanopia

224.7630, -12.3340, 3.2660

Trichromacy



Original Color

224.5350, -11.6920, 2.6440

Protanomaly

225.0410, -7.2450, 4.6510

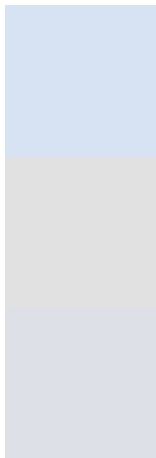
Deuteranomaly

226.1990, -1.6980, 8.7500

Tritanomaly

224.6490, -12.0130, 2.9550

Monochromacy



Original Color

224.5350, -11.6920, 2.6440

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

224.4880, -4.3100, 1.0180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.5350, -11.6920, 2.6440 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(215, 226, 242)` looks like.

```
.text, #text, p{  
    color:rgb(215, 226, 242)  
}
```

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(215, 226, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 226, 242) }
```

Border

The CSS property to change the border of an element to YIQ 224.5350, -11.6920, 2.6440 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(215, 226, 242) }
```


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

```
.border{ border-color:rgb(215, 226, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 226, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 226, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 226, 242);  
box-shadow:4px 4px 4px 4px rgb(215, 226,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 224.5350, -11.6920, 2.6440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 226, 242) }
```

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

```
.background{ background-color: rgb(215,  
226, 242) }
```

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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