

Converting Colors

YIQ(221.7320, -11.0490,
-3.5050)

Have a look what the booklet for
YIQ(221.7320, -11.0490, -3.5050)
contains.

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Color

**YIQ(221.7320, -11.0490,
-3.5050)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E3E4
RGB	209, 227, 228
RGB Percent	82%, 89%, 89%
CMY	0.1804, 0.1098, 0.1059
CMYK	0.08, 0.00, 0.00, 0.11
HSL	183°, 26%, 86%
HSV	183°, 8%, 89%
XYZ	67.7646, 74.0969, 84.1211
YIQ	221.7320, -11.0490, -3.5050

Conversions

Conversions Part 2

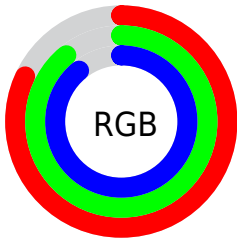
Format	Color
R _Y B	209, 218, 228
Decimal	13755364
CIE Lab	88.97, -5.77, -2.54
CIE LCh	89, 6.308, 203.727
Yxy	74.0969, 0.2999, 0.3279
Android (android.graphics.Color)	4291945444 (0xFFD1E3E4)
YUV	221.7320, 3.0901, -11.1660
Hunter-Lab	86.0795, -10.1182, 2.3146

Details

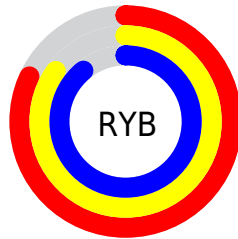
The YIQ color **221.7320, -11.0490, -3.5050** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **215.2680, 11.0490, 3.5050**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **166.7320, -11.0490, -3.5050** is the 20% darker color. If you saturate the color by 10%, you get **214.2680, -24.4820, -7.8580**, and if you desaturate by 10%, it is **229.1960, 2.3840, 0.8480**.

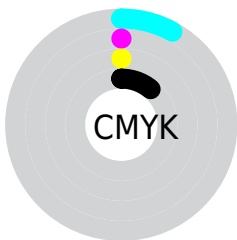
Distribution



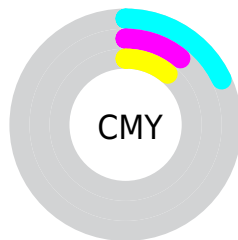
- Red (82%)
- Green (89%)
- Blue (89%)



- Red (82%)
- Yellow (85%)
- Blue (89%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.7320, -11.0490, -3.5050 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 221.7320, -11.0490, -3.5050 by changing the saturation by 10% instead.

■ 221.7320,
-11.0490, -3.5050

■ 221.7320,
-11.0490, -3.5050

255.0000, -0.0000,
-0.0000

■ 193.7320,
-11.0490, -3.5050

■ 166.7320,
-11.0490, -3.5050

■ 140.0310,
-10.4530, -3.2930

■ 114.3300, -9.8570,
-3.0810

■ 90.3300, -9.8570,
-3.0810

■ 66.6290, -9.2610,
-2.8690

■ 44.6290, -9.2610,

-2.8690

■ 23.9280, -8.6650,
-2.6570

■ 0.2280, -0.6420,
0.6220

■ 221.7320,
-11.0490, -3.5050

■ 221.7320,
-11.0490, -3.5050

■ 214.2680,
-24.4820, -7.8580

■ 229.1960, 2.3840,
0.8480

■ 206.8040,
-37.9150, -12.2110

■ 236.6600, 15.8170,
5.2010

■ 199.0520,
-50.4770, -15.8290

■ 237.8340, 15.2670,
4.1550

■ 191.5880,
-63.9100, -20.1820

■ 238.4210, 14.9920,
3.6320

■ 184.1240,
-77.3430, -24.5350

■ 239.0080, 14.7170,
3.1090

■ 176.6600,
-90.7760, -28.8880

■ 239.5950, 14.4420,
2.5860

■ 169.1960,
-104.2090, -33.2410

■ 240.1820, 14.1670,
2.0630

■ 162.0310,
-117.0460, -37.3820

■ 240.7690, 13.8920,
1.5400

■ 153.9800,
-130.2040, -41.2120

■ 241.9430, 13.3420,
0.4940

Harmonies

Analogous

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



221.6460, -7.9310, -4.9470



221.7320, -11.0490, -3.5050



222.3130, -11.1870, -1.0030

Triad

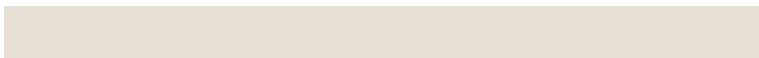
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.7320, -11.0490, -3.5050



224.8310, 2.1540, 5.0180



223.8390, 7.7030, -1.9370

Complementary

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



221.7320, -11.0490, -3.5050



215.2680, 11.0490, 3.5050

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.



224.3880, 10.5910, 0.7910



221.7320, -11.0490, -3.5050



225.0550, 7.3350, 4.7350

Square

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



221.7320, -11.0490, -3.5050



223.6670, -3.2560, 3.9440



224.9690, 10.4530, 3.2930



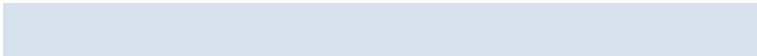
222.9200, 2.9810, -4.4670

Rectangle

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



221.7320, -11.0490, -3.5050



222.8510, -9.7660, 0.7780



224.9690, 10.4530, 3.2930



223.8500, 9.1700, -0.9900

Sweetspot

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



221.7320, -11.0490, -3.5050



253.5050, -2.9800, -1.0600



220.2670, -5.5460, -9.6260



126.5160, -1.5130, -0.1130



0.0000, 0.0000, 0.0000



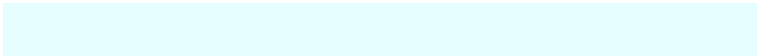
128.0000, -0.0000, -0.0000

Same Dimension

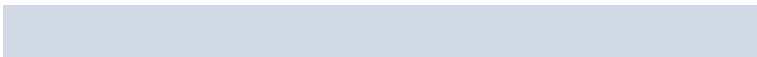
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.7320, -11.0490, -3.5050



246.9380, -14.6250, -4.7770



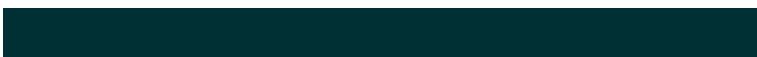
216.4490, -8.5740, 1.2020



110.8250, -6.8770, -2.0210



119.6090, -103.9340, -32.7180



33.9900, -29.5710, -9.2430

Inverse Universe

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



216.7330, 5.5460, 9.6260



240.2110, 7.1960, 12.7640



220.5510, 8.5740, -1.2020



107.8420, 3.6210, 5.9650



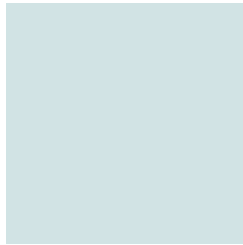
72.7870, 52.4350, 90.5070



20.7210, 14.9880, 25.7400

Previews

White Background



This preview shows how the YIQ color 221.7320, -11.0490, -3.5050 looks on a white background.

Color Contrast Check

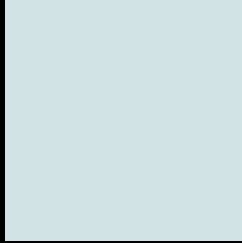
Large Text (above 18pt) WCAG AA × Fail

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 221.7320, -11.0490, -3.5050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

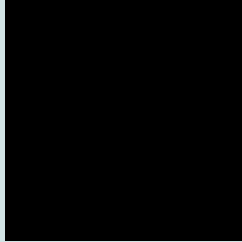
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

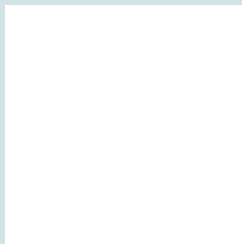
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 221.7320, -11.0490, -3.5050

Background



This preview shows how black text looks on a background with the YIQ color 221.7320, -11.0490, -3.5050.



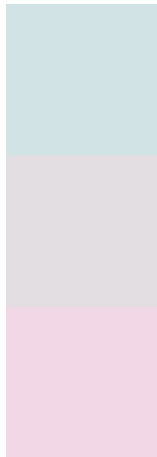
This preview shows how white text looks on a background with the YIQ color 221.7320, -11.0490, -3.5050.

-3.5050.

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

221.7320, -11.0490, -3.5050

Protanopia

223.5380, 1.4210, 1.7810

Deuteranopia

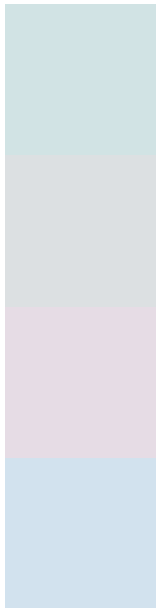
225.3700, 11.0020, 9.8660



Tritanopia

222.8660, -14.1220, 2.6300

Trichromacy



Original Color

221.7320, -11.0490, -3.5050

Protanomaly

223.0320, -3.0260, -0.2260

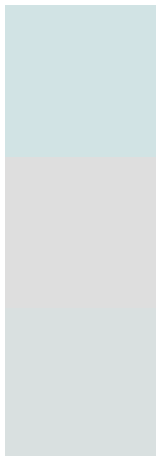
Deuteranomaly

224.0160, 3.0710, 4.9190

Tritanomaly

222.5840, -13.3880, 0.3400

Monochromacy



Original Color

221.7320, -11.0490, -3.5050

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.9070, -4.1720, -1.4840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.7320, -11.0490, -3.5050 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(209, 227, 228)` looks like.

```
.text, #text, p{  
    color:rgb(209, 227, 228)  
}
```

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(209, 227, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 227, 228) }
```

Border

The CSS property to change the border of an element to YIQ 221.7320, -11.0490, -3.5050 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(209, 227, 228) }
```


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

```
.border{ border-color:rgb(209, 227, 228) }
```

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

Here you see how a box with a 4 pixel rgb(209, 227, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 227, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 227, 228);  
box-shadow:4px 4px 4px 4px rgb(209, 227,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 221.7320, -11.0490, -3.5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 227, 228) }
```

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

```
.background{ background-color: rgb(209,  
227, 228) }
```

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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