

Converting Colors

YIQ(220.3550, -11.0050, 6.7150)

Have a look what the booklet for
YIQ(220.3550, -11.0050, 6.7150)
contains.

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Color

**YIQ(220.3550, -11.0050,
6.7150)**

Conversions

Conversions Part 1

Format	Color
Hex	D6DBF4
RGB	214, 219, 244
RGB Percent	84%, 86%, 96%
CMY	0.1608, 0.1411, 0.0432
CMYK	0.12, 0.10, 0.00, 0.04
HSL	230°, 58%, 90%
HSV	230°, 12%, 96%
XYZ	69.3906, 71.4911, 95.7170
YIQ	220.3550, -11.0050, 6.7150

Conversions

Conversions Part 2

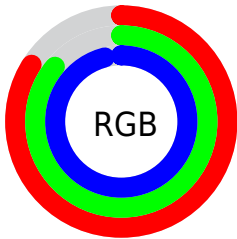
Format	Color
R _Y B	214, 218, 244
Decimal	14081012
CIE Lab	87.72, 3.14, -12.76
CIE LCh	88, 13.137, 283.815
Yxy	71.4911, 0.2933, 0.3022
Android (android.graphics.Color)	4292271092 (0xFFD6DBF4)
YUV	220.3550, 11.6570, -5.5733
Hunter-Lab	84.5524, -1.4751, -7.9322

Details

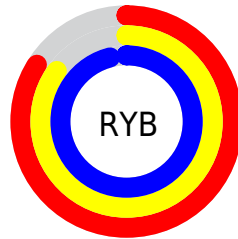
The YIQ color $220.3550, -11.0050, 6.7150$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $237.6450, 11.0050, -6.7150$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $165.2410, -10.6840, 6.4040$ is the 20% darker color. If you saturate the color by 10%, you get $201.4390, -19.8090, 12.0870$, and if you desaturate by 10%, it is $239.2710, -2.2010, 1.3430$.

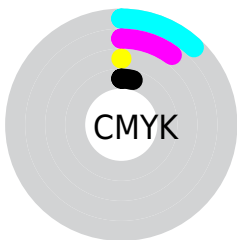
Distribution



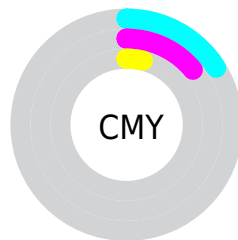
- Red (84%)
- Green (86%)
- Blue (96%)



- Red (84%)
- Yellow (85%)
- Blue (96%)



- Cyan (12%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.3550, -11.0050, 6.7150 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 220.3550, -11.0050, 6.7150 by changing the saturation by 10% instead.

■ 220.3550,
-11.0050, 6.7150

■ 220.3550,
-11.0050, 6.7150

255.0000, -0.0000,
-0.0000

■ 192.3550,
-11.0050, 6.7150

■ 165.2410,
-10.6840, 6.4040

■ 139.1270,
-10.3630, 6.0930

■ 113.1270,
-10.3630, 6.0930

■ 88.8990, -9.7210,
5.4710

■ 65.7850, -9.4000,
5.1600

■ 43.3720, -9.6750,

4.6370

■ 22.2580, -9.3540,
4.3260

■ 2.7530, -6.3740,
5.3860

■ 220.3550,
-11.0050, 6.7150

■ 220.3550,
-11.0050, 6.7150

■ 201.4390,
-19.8090, 12.0870

■ 239.2710, -2.2010,
1.3430

■ 181.6370,
-28.9340, 17.7700

■ 253.7460, 3.5310,
-3.4210

■ 162.7210,
-37.7380, 23.1420

■ 143.5060,
-47.1380, 28.3020

■ 124.0030,
-55.6670, 34.1970

■ 105.0870,
-64.4710, 39.5690

■ 85.8720, -73.8710,
44.7290

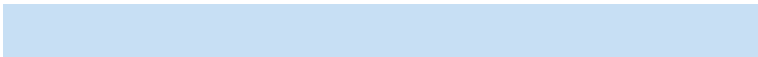
■ 66.3690, -82.4000,
50.6240

■ 51.8830, -89.5990,
54.4410

Harmonies

Analogous

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



218.2180, -21.0450, 1.4430



220.3550, -11.0050, 6.7150



221.8080, 0.9610, 10.1210

Triad

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



220.3550, -11.0050, 6.7150



221.4280, 22.2820, 3.6740



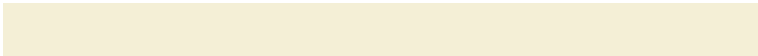
216.4340, -13.3860, -10.7140

Complementary

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



220.3550, -11.0050, 6.7150



237.6450, 11.0050, -6.7150

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.



217.8930, -1.5570, -10.3330



220.3550, -11.0050, 6.7150



220.5860, 18.6610, -2.2910

Square

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



220.3550, -11.0050, 6.7150



222.6930, 20.2180, 8.0420



219.0470, 9.8130, -7.1390



215.4100, -22.0060, -8.6780

Rectangle

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



220.3550, -11.0050, 6.7150



222.5270, 9.1220, 10.8980



219.0470, 9.8130, -7.1390



216.5870, -9.4430, -10.5870

Sweetspot

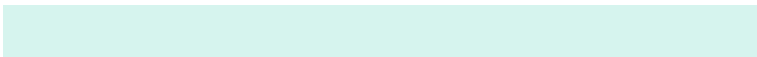
The Sweet Spot groups the original color and five complimentary colors.



220.3550, -11.0050, 6.7150



247.3140, -3.7600, 2.0640



234.3460, -15.9540, -8.2260



122.3850, -2.5220, 1.6540



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.



220.3550, -11.0050, 6.7150



224.8540, -13.8480, 8.6800



220.1110, -4.2660, 11.2380



112.5420, -4.4020, 2.6860



39.4010, -68.2310, 41.6330



12.5960, -21.6890, 13.1190

Inverse Universe

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



223.5400, 16.2750, 7.9150



229.0460, 20.7220, 9.9220



237.5900, 3.6700, -11.4500



113.8160, 6.5100, 3.1660



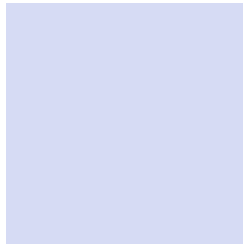
59.1480, 100.9050, 49.0730



18.7810, 31.9540, 15.6180

Previews

White Background



This preview shows how the YIQ color 220.3550, -11.0050, 6.7150 looks on a white background.

Color Contrast Check

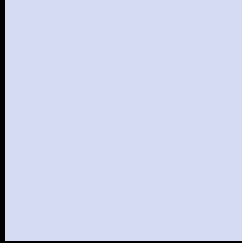
Large Text (above 18pt) WCAG AA × Fail

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 220.3550, -11.0050, 6.7150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

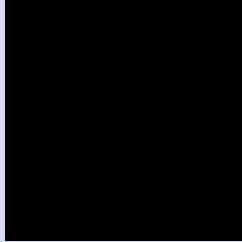
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.3550, -11.0050, 6.7150

Background



This preview shows how black text looks on a background with the YIQ color 220.3550, -11.0050, 6.7150.



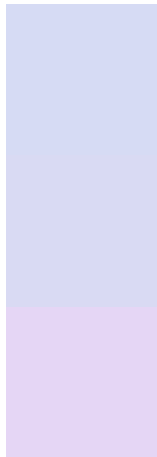
This preview shows how white text looks on a background with the YIQ color 220.3550, -11.0050,

6.7150.

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

220.3550, -11.0050, 6.7150

Protanopia

220.5510, -8.6210, 7.5630

Deuteranopia

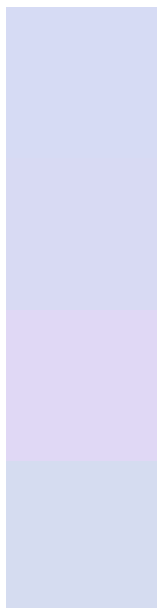
222.0190, -1.0110, 12.8210



Tritanopia

219.9590, -9.9500, 4.1140

Trichromacy



Original Color

220.3550, -11.0050, 6.7150

Protanomaly

220.2520, -9.2170, 7.3510

Deuteranomaly

221.6980, -4.5410, 10.7150

Tritanomaly

220.1870, -10.5920, 4.7360

Monochromacy



Original Color

220.3550, -11.0050, 6.7150

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.4280, -4.0810, 2.3750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.3550, -11.0050, 6.7150 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(214, 219, 244)` looks like.

```
.text, #text, p{  
    color:rgb(214, 219, 244)  
}
```

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(214, 219, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 219, 244) }
```

Border

The CSS property to change the border of an element to YIQ 220.3550, -11.0050, 6.7150 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(214, 219, 244) }
```


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

```
.border{ border-color:rgb(214, 219, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 219, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 219, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 219, 244);  
box-shadow:4px 4px 4px 4px rgb(214, 219,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 220.3550, -11.0050, 6.7150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 219, 244) }
```

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

```
.background{ background-color: rgb(214,  
219, 244) }
```

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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