

Converting Colors

YIQ(222.9550, -13.2950,
-6.8550)

Have a look what the booklet for
YIQ(222.9550, -13.2950, -6.8550)
contains.

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Color

**YIQ(222.9550, -13.2950,
-6.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE7E2
RGB	206, 231, 226
RGB Percent	81%, 91%, 89%
CMY	0.1922, 0.0941, 0.1138
CMYK	0.11, 0.00, 0.02, 0.09
HSL	168°, 34%, 86%
HSV	168°, 11%, 91%
XYZ	67.7538, 75.7675, 82.9961
YIQ	222.9550, -13.2950, -6.8550

Conversions

Conversions Part 2

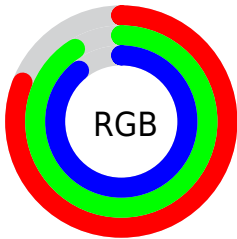
Format	Color
R _Y B	206, 220, 231
Decimal	13559778
CIE Lab	89.75, -9.17, -0.37
CIE LCh	90, 9.181, 182.286
Yxy	75.7675, 0.2991, 0.3345
Android (android.graphics.Color)	4291749858 (0xFFCEE7E2)
YUV	222.9550, 1.5012, -14.8695
Hunter-Lab	87.0445, -13.3870, 4.3987

Details

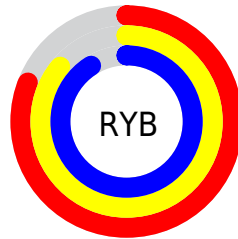
The YIQ color $222.9550, -13.2950, -6.8550$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $214.0450, 13.2950, 6.8550$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $167.6670, -12.4240, -6.1200$ is the 20% darker color. If you saturate the color by 10%, you get $215.5080, -25.3980, -13.2860$, and if you desaturate by 10%, it is $230.4020, -1.1920, -0.4240$.

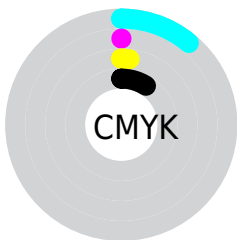
Distribution



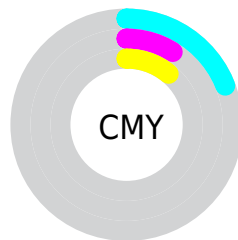
- Red (81%)
- Green (91%)
- Blue (89%)



- Red (81%)
- Yellow (86%)
- Blue (91%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (19%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.9550, -13.2950, -6.8550 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 222.9550, -13.2950, -6.8550 by changing the saturation by 10% instead.

■ 222.9550,
-13.2950, -6.8550

■ 222.9550,
-13.2950, -6.8550

255.0000, -0.0000,
-0.0000

■ 194.9550,
-13.2950, -6.8550

■ 167.6670,
-12.4240, -6.1200

■ 141.5530,
-12.1030, -6.4310

■ 115.6670,
-12.4240, -6.1200

■ 90.9660, -11.8280,
-5.9080

■ 67.2650, -11.2320,
-5.6960

■ 45.2650, -11.2320,

-5.6960

■ 23.6780, -10.9570,
-5.1730

■ 0.0000, 0.0000,
0.0000

■ 222.9550,
-13.2950, -6.8550

■ 222.9550,
-13.2950, -6.8550

■ 215.5080,
-25.3980, -13.2860

■ 230.4020, -1.1920,
-0.4240

■ 208.1750,
-37.8220, -19.4060

■ 237.7350, 11.2320,
5.6960

■ 200.7280,
-49.9250, -25.8370

■ 239.2020, 11.4150,
7.8870

■ 193.2810,
-62.0280, -32.2680

■ 239.7720, 9.8100,
9.4420

■ 185.6490,
-75.0480, -38.6000

■ 240.2280, 8.5260,
10.6860

■ 178.2020,
-87.1510, -45.0310

■ 240.7980, 6.9210,
12.2410

■ 170.8690,
-99.5750, -51.1510

■ 240.9120, 6.6000,
12.5520

■ 163.4220,
-111.6780, -57.5820

■ 156.6870,
-122.9100, -63.2780

Harmonies

Analogous

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



223.4350, -5.9590, -7.6470



222.9550, -13.2950, -6.8550



223.3830, -17.3760, -4.4800

Triad

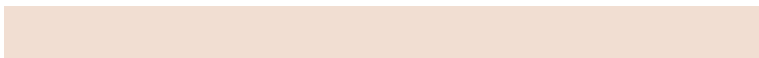
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222.9550, -13.2950, -6.8550



226.4330, -2.4770, 6.3470



226.3130, 15.1760, 0.2960

Complementary

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



222.9550, -13.2950, -6.8550



214.0450, 13.2950, 6.8550

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.



227.1330, 15.8630, 4.3670



222.9550, -13.2950, -6.8550



227.5650, 5.9590, 7.6470

Square

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



222.9550, -13.2950, -6.8550



225.5460, -10.2250, 3.5910



227.7460, 12.6990, 6.6430



225.4540, 10.2250, -3.5910

Rectangle

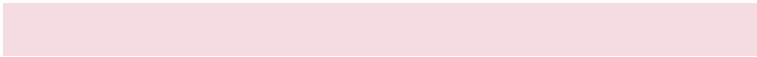
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.9550, -13.2950, -6.8550



224.1490, -16.5970, -2.0770



227.7460, 12.6990, 6.6430



227.1390, 15.7260, 1.3420

Sweetspot

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



222.9550, -13.2950, -6.8550



252.3800, -4.1260, -2.3180



222.1700, -3.8950, -12.0150



125.9780, -2.9340, -1.8940



0.0000, 0.0000, 0.0000



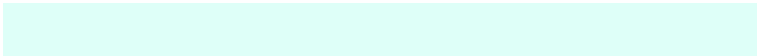
128.0000, -0.0000, -0.0000

Same Dimension

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



222.9550, -13.2950, -6.8550



244.3350, -17.4210, -9.1730



219.4160, -12.9750, -1.6390



111.0700, -6.1890, -3.4770



121.3750, -95.1280, -49.1440



34.6110, -27.1860, -13.9220

Inverse Universe

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



214.0450, 13.2950, 6.8550



232.6650, 17.4210, 9.1730



217.5840, 12.9750, 1.6390



106.9300, 6.1890, 3.4770



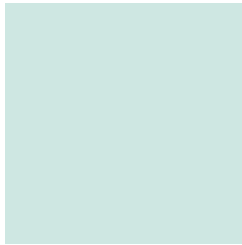
57.6250, 95.1280, 49.1440



16.3890, 27.1860, 13.9220

Previews

White Background



This preview shows how the YIQ color 222.9550, -13.2950, -6.8550 looks on a white background.

Color Contrast Check

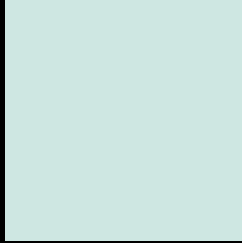
Large Text (above 18pt) WCAG AA × Fail

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 222.9550, -13.2950, -6.8550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

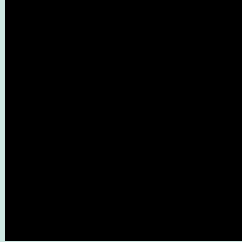
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

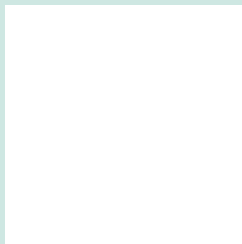
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 222.9550, -13.2950, -6.8550

Background



This preview shows how black text looks on a background with the YIQ color 222.9550, -13.2950, -6.8550.



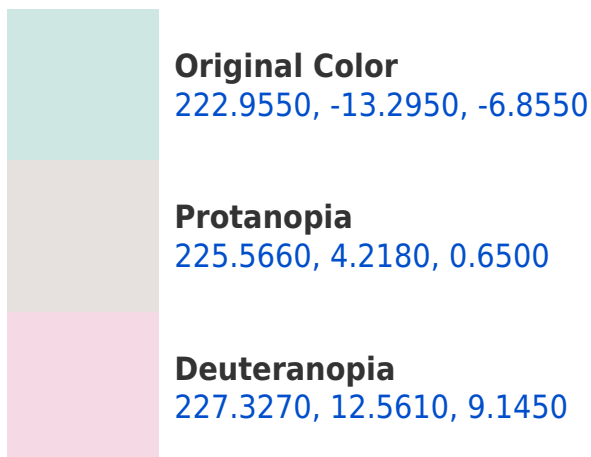
This preview shows how white text looks on a background with the YIQ color 222.9550, -13.2950, -6.8550.

-6.8550.

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

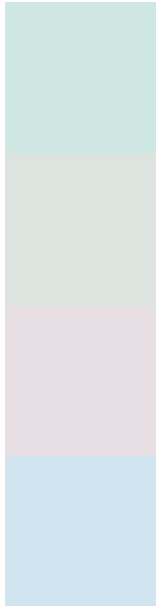




Tritanopia

224.3710, -17.1020, 1.5700

Trichromacy



Original Color

222.9550, -13.2950, -6.8550

Protanomaly

224.7500, -2.2920, -2.5160

Deuteranomaly

225.9620, 3.1630, 3.2510

Tritanomaly

223.8610, -15.7260, -1.3420

Monochromacy



Original Color

222.9550, -13.2950, -6.8550

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

223.0810, -4.7220, -2.5300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.9550, -13.2950, -6.8550 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(206, 231, 226)` looks like.

```
.text, #text, p{  
    color:rgb(206, 231, 226)  
}
```

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(206, 231, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 231, 226) }
```

Border

The CSS property to change the border of an element to YIQ 222.9550, -13.2950, -6.8550 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(206, 231, 226) }
```


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

```
.border{ border-color:rgb(206, 231, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 231, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 231, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 231, 226);  
box-shadow:4px 4px 4px 4px rgb(206, 231,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 222.9550, -13.2950, -6.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 231, 226) }
```

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

```
.background{ background-color: rgb(206,  
231, 226) }
```

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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