

Converting Colors

YIQ(221.5340, -19.1190,
-0.4230)

Have a look what the booklet for
YIQ(221.5340, -19.1190, -0.4230)
contains.

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Color

**YIQ(221.5340, -19.1190,
-0.4230)**

Conversions

Conversions Part 1

Format	Color
Hex	CBE3F2
RGB	203, 227, 242
RGB Percent	80%, 89%, 95%
CMY	0.2040, 0.1097, 0.0511
CMYK	0.16, 0.06, 0.00, 0.05
HSL	203°, 60%, 87%
HSV	203°, 16%, 95%
XYZ	68.1208, 74.0480, 94.6892
YIQ	221.5340, -19.1190, -0.4230

Conversions

Conversions Part 2

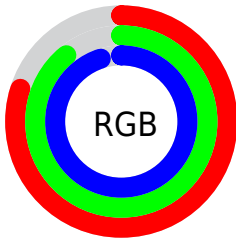
Format	Color
R _Y B	203, 218, 242
Decimal	13362162
CIE Lab	88.95, -4.89, -9.96
CIE LCh	89, 11.099, 243.838
Yxy	74.0480, 0.2876, 0.3126
Android (android.graphics.Color)	4291552242 (0xFFCBE3F2)
YUV	221.5340, 10.0897, -16.2543
Hunter-Lab	86.0511, -9.2832, -5.0059

Details

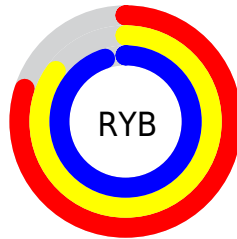
The YIQ color $221.5340, -19.1190, -0.4230$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $223.4660, 19.1190, 0.4230$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $166.7190, -18.2020, -0.5220$ is the 20% darker color. If you saturate the color by 10%, you get $209.0750, -30.9480, -0.8040$, and if you desaturate by 10%, it is $233.9930, -7.2900, -0.0420$.

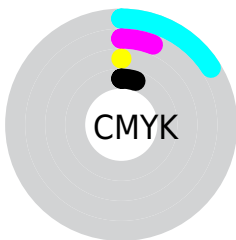
Distribution



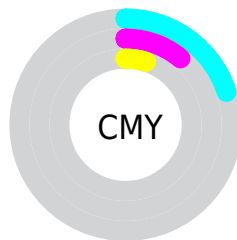
- Red (80%)
- Green (89%)
- Blue (95%)



- Red (80%)
- Yellow (85%)
- Blue (95%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.5340, -19.1190, -0.4230 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 221.5340, -19.1190, -0.4230 by changing the saturation by 10% instead.

■ 221.5340,
-19.1190, -0.4230

■ 221.5340,
-19.1190, -0.4230

255.0000, -0.0000,
-0.0000

■ 193.5340,
-19.1190, -0.4230

■ 166.4200,
-18.7980, -0.7340

■ 139.7190,
-18.2020, -0.5220

■ 114.6050,
-17.8810, -0.8330

■ 89.9040, -17.2850,
-0.6210

■ 65.7900, -16.9640,
-0.9320

■ 43.6760, -16.6430,

-1.2430

■ 21.9640, -17.5140,
-1.9780

■ 2.6390, -6.0530,
5.0750

■ 221.5340,
-19.1190, -0.4230

■ 221.5340,
-19.1190, -0.4230

■ 209.0750,
-30.9480, -0.8040

■ 233.9930, -7.2900,
-0.0420

■ 196.0290,
-42.5020, -0.6620

■ 247.0390, 4.2640,
-0.1840

■ 183.2710,
-54.9270, -1.2550

■ 253.5180, 4.1730,
-4.0430

■ 170.8120,
-66.7560, -1.6360

■ 158.3530,
-78.5850, -2.0170

■ 145.3070,
-90.1390, -1.8750

■ 132.8480,
-101.9680, -2.2560

■ 120.0900,
-114.3930, -2.8490

■ 115.0510,
-118.6570, -2.6650

Harmonies

Analogous

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



220.1160, -20.9980, -4.9180



221.5340, -19.1190, -0.4230



223.2900, -12.3800, 4.1000

Triad

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



221.5340, -19.1190, -0.4230



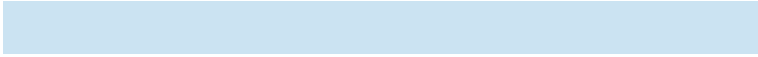
225.3550, 15.3580, 8.0140



221.6270, 2.2480, -7.7040

Complementary

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



221.5340, -19.1190, -0.4230



223.4660, 19.1190, 0.4230

Split Complementary

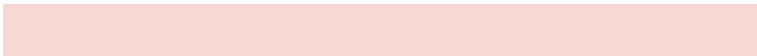
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.9980, 11.5090, -4.8350



221.5340, -19.1190, -0.4230



225.1010, 18.8890, 4.5930

Square

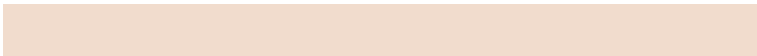
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.5340, -19.1190, -0.4230



225.4020, 7.9760, 9.6400



224.5690, 17.3310, -0.2130



220.7120, -8.2970, -9.3290

Rectangle

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



221.5340, -19.1190, -0.4230



224.1060, -5.8700, 7.2660



224.5690, 17.3310, -0.2130



222.0080, 5.5490, -6.9550

Sweetspot

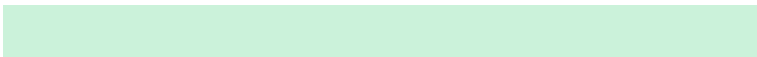
The Sweet Spot groups the original color and five complimentary colors.



221.5340, -19.1190, -0.4230



248.1780, -6.3730, -0.1410



227.6030, -15.5400, -15.7320



123.8470, -3.9430, -0.1270



0.0000, 0.0000, 0.0000



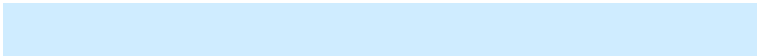
128.0000, -0.0000, -0.0000

Same Dimension

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



221.5340, -19.1190, -0.4230



229.4950, -23.3830, -0.2390



210.3810, -13.8940, 9.5140



113.4770, -5.7770, 0.0710



87.3070, -90.1390, -1.8750



26.9290, -27.6010, -0.8890

Inverse Universe

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



217.3970, 15.5400, 15.7320



224.6580, 19.2990, 19.1950



234.6190, 13.8940, -9.5140



112.3860, 4.9050, 4.7210



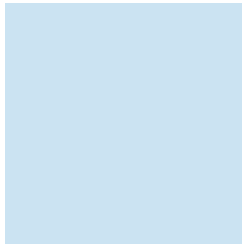
67.8980, 73.3910, 74.1510



20.7340, 22.1410, 22.7570

Previews

White Background



This preview shows how the YIQ color 221.5340, -19.1190, -0.4230 looks on a white background.

Color Contrast Check

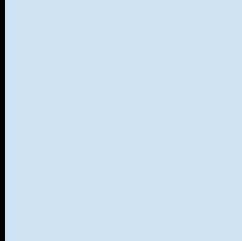
Large Text (above 18pt) WCAG AA × Fail

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 221.5340, -19.1190, -0.4230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

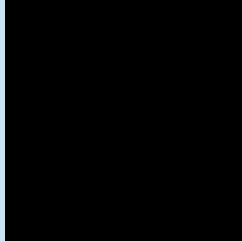
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

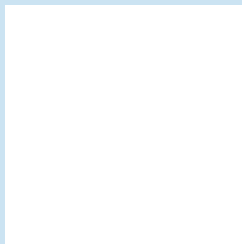
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 221.5340, -19.1190, -0.4230

Background



This preview shows how black text looks on a background with the YIQ color 221.5340, -19.1190, -0.4230.



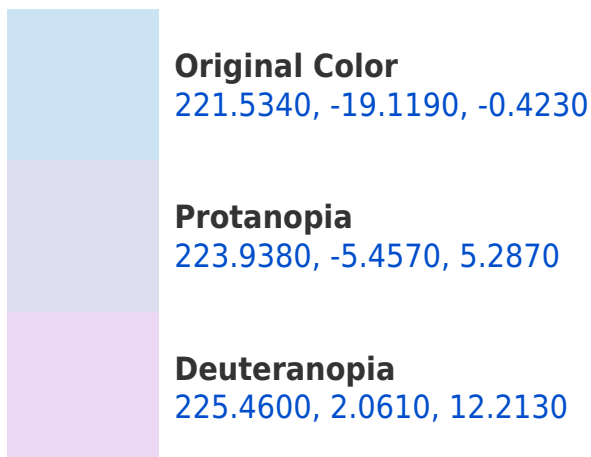
This preview shows how white text looks on a background with the YIQ color 221.5340, -19.1190, -0.4230.

-0.4230.

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

221.8760, -20.0820, 0.5100

Trichromacy



Original Color

221.5340, -19.1190, -0.4230

Protanomaly

223.1330, -10.5000, 3.0680

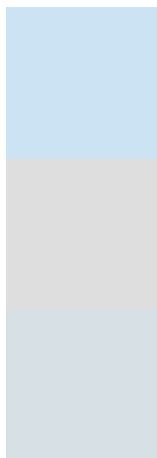
Deuteranomaly

224.1060, -5.8700, 7.2660

Tritanomaly

221.7620, -19.7610, 0.1990

Monochromacy



Original Color

221.5340, -19.1190, -0.4230

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.8790, -6.9690, -0.3530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.5340, -19.1190, -0.4230 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(203, 227, 242)` looks like.

```
.text, #text, p{  
    color:rgb(203, 227, 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(203, 227, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 227, 242) }
```

Border

The CSS property to change the border of an element to YIQ 221.5340, -19.1190, -0.4230 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(203, 227, 242) }
```


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

```
.border{ border-color:rgb(203, 227, 242) }
```

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

Here you see how a box with a 4 pixel rgb(203, 227, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 227, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 227, 242);  
box-shadow:4px 4px 4px 4px rgb(203, 227,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 221.5340, -19.1190, -0.4230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 227, 242) }
```

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

```
.background{ background-color: rgb(203,  
227, 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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