

Converting Colors

YIQ(229.9420, -20.4480,
-3.8720)

Have a look what the booklet for
YIQ(229.9420, -20.4480, -3.8720)
contains.

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Color

**YIQ(229.9420, -20.4480,
-3.8720)**

Conversions

Conversions Part 1

Format	Color
Hex	D0EEF6
RGB	208, 238, 246
RGB Percent	82%, 93%, 96%
CMY	0.1844, 0.0666, 0.0354
CMYK	0.15, 0.03, 0.00, 0.04
HSL	193°, 68%, 89%
HSV	193°, 15%, 96%
XYZ	73.2170, 81.2163, 98.9882
YIQ	229.9420, -20.4480, -3.8720

Conversions

Conversions Part 2

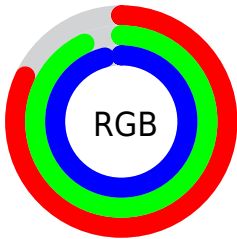
Format	Color
R _{YB}	208, 225, 246
Decimal	13692662
CIE _{Lab}	92.23, -8.15, -7.15
CIE _{LCh}	92, 10.843, 221.247
Yxy	81.2163, 0.2889, 0.3205
Android (android.graphics.Color)	4291882742 (0xFFD0EEF6)
YUV	229.9420, 7.9166, -19.2431
Hunter-Lab	90.1201, -12.6900, -2.0403

Details

The YIQ color $229.9420, -20.4480, -3.8720$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $224.0580, 20.4480, 3.8720$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.2410, -19.8520, -3.6600$ is the 20% darker color. If you saturate the color by 10%, you get $219.5320, -33.9730, -6.5570$, and if you desaturate by 10%, it is $240.3520, -6.9230, -1.1870$.

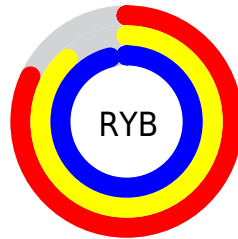
Distribution



Red (82%)

Green (93%)

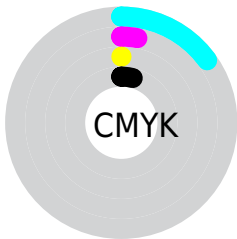
Blue (96%)



Red (82%)

Yellow (88%)

Blue (96%)

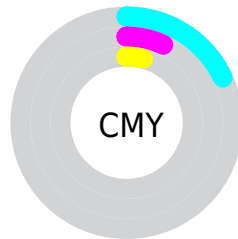


Cyan (15%)

Magenta (3%)

Yellow (0%)

Black (4%)



Cyan (18%)

Magenta (7%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.9420, -20.4480, -3.8720 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 229.9420, -20.4480, -3.8720 by changing the saturation by 10% instead.

■ 229.9420,
-20.4480, -3.8720

■ 229.9420,
-20.4480, -3.8720

255.0000, -0.0000,
-0.0000

■ 201.9420,
-20.4480, -3.8720

■ 174.2410,
-19.8520, -3.6600

■ 147.5400,
-19.2560, -3.4480

■ 121.4260,
-18.9350, -3.7590

■ 96.7250, -18.3390,
-3.5470

■ 72.7250, -18.3390,
-3.5470

■ 49.6110, -18.0180,

-3.8580

■ 28.0130, -19.2100,
-4.2820

■ 11.1990, -10.8660,
-1.3140

■ 229.9420,
-20.4480, -3.8720

■ 229.9420,
-20.4480, -3.8720

■ 219.5320,
-33.9730, -6.5570

■ 240.3520, -6.9230,
-1.1870

■ 209.4210,
-46.9020, -9.0300

■ 249.8650, 4.8140,
0.8620

■ 199.0110,
-60.4270, -11.7150

■ 252.8000, 3.4390,
-1.7530

■ 188.3130,
-73.0810, -13.6650

■ 253.9740, 2.8890,
-2.7990

■ 177.9030,
-86.6060, -16.3500

■ 167.4930,
-100.1310, -19.0350

■ 157.3820,
-113.0600, -21.5080

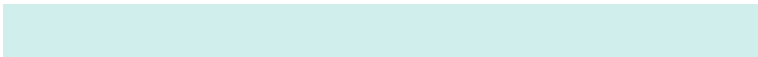
■ 146.9720,
-126.5850, -24.1930

■ 141.9220,
-132.3160, -24.9560

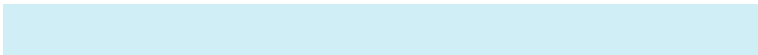
Harmonies

Analogous

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



229.3890, -17.5130, -7.5050



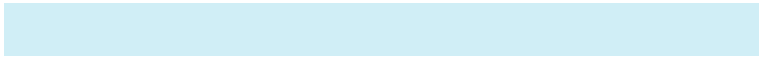
229.9420, -20.4480, -3.8720



231.5450, -17.6520, 0.5240

Triad

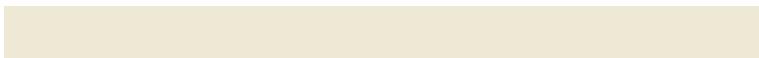
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.9420, -20.4480, -3.8720



234.7720, 9.8100, 9.4420



231.8020, 9.1250, -5.6830

Complementary

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



229.9420, -20.4480, -3.8720



224.0580, 20.4480, 3.8720

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.



233.4440, 16.1850, -1.4710



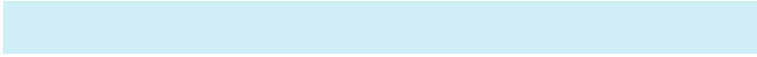
229.9420, -20.4480, -3.8720



235.0130, 16.3210, 7.0810

Square

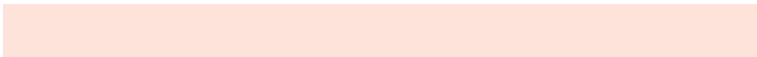
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.9420, -20.4480, -3.8720



234.4550, 0.4570, 8.2410



234.1610, 18.6600, 3.2360



230.5450, -0.4570, -8.2410

Rectangle

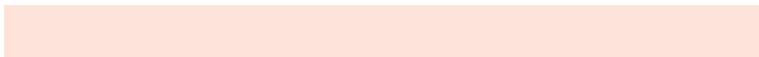
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



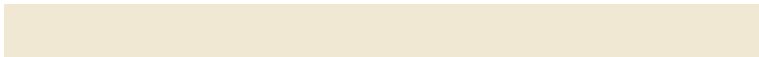
229.9420, -20.4480, -3.8720



232.2900, -12.3800, 4.1000



234.1610, 18.6600, 3.2360



232.4110, 11.7840, -4.3120

Sweetspot

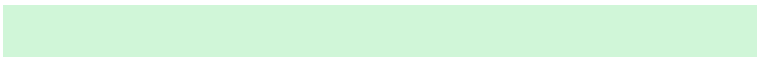
The Sweet Spot groups the original color and five complimentary colors.



229.9420, -20.4480, -3.8720



249.3520, -6.9230, -1.1870



231.2180, -13.0180, -17.3860



124.4340, -4.2180, -0.6500



0.0000, 0.0000, 0.0000



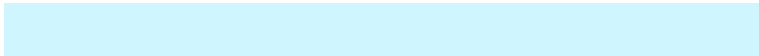
128.0000, -0.0000, -0.0000

Same Dimension

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



229.9420, -20.4480, -3.8720



234.7780, -25.8580, -4.9460



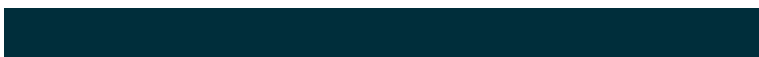
218.7890, -15.2230, 6.0650



117.2380, -6.6020, -1.4980



107.4930, -100.1310, -19.0350



33.7280, -31.5890, -5.7090

Inverse Universe

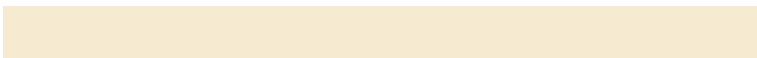
The Inverse Universe completely reimagines the original color for something new.



222.7820, 13.0180, 17.3860



225.6840, 16.4100, 21.9940



235.2110, 15.2230, -6.0650



114.7280, 3.9420, 5.6540



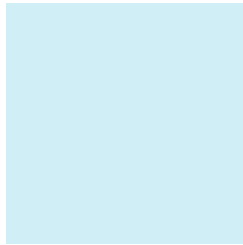
72.3720, 63.6690, 85.1490



22.8850, 20.3980, 26.8140

Previews

White Background



This preview shows how the YIQ color 229.9420, -20.4480, -3.8720 looks on a white background.

Color Contrast Check

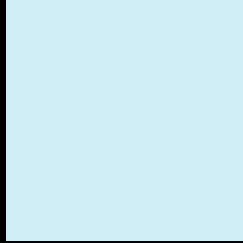
Large Text (above 18pt) WCAG AA × Fail

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 229.9420, -20.4480, -3.8720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

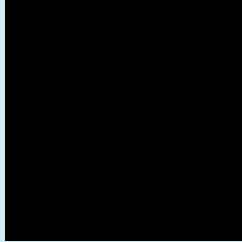
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 229.9420, -20.4480, -3.8720

Background



This preview shows how black text looks on a background with the YIQ color 229.9420, -20.4480, -3.8720.



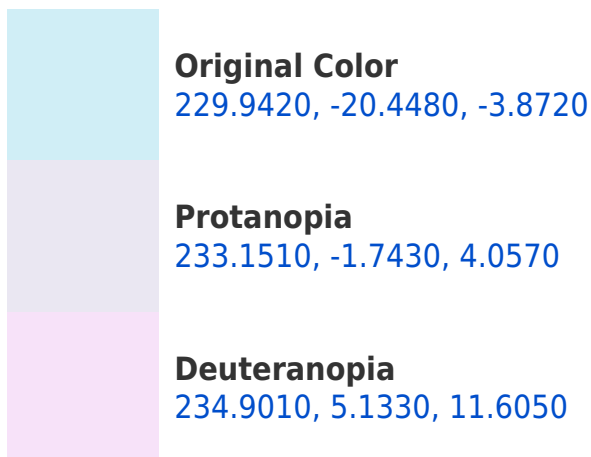
This preview shows how white text looks on a background with the YIQ color 229.9420, -20.4480, -3.8720.

-3.8720.

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

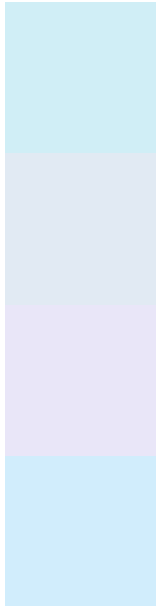




Tritanopia

230.3920, -21.5950, 0.3970

Trichromacy



Original Color

229.9420, -20.4480, -3.8720

Protanomaly

232.3350, -8.2530, 0.8910

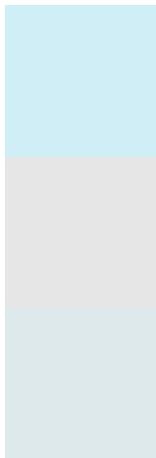
Deuteranomaly

232.9490, -3.9900, 6.2340

Tritanomaly

230.3380, -21.5030, -1.2710

Monochromacy



Original Color

229.9420, -20.4480, -3.8720

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.0530, -7.5190, -1.3990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.9420, -20.4480, -3.8720 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(208, 238, 246)` looks like.

```
.text, #text, p{  
    color:rgb(208, 238, 246)  
}
```

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(208, 238, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 238, 246) }
```

Border

The CSS property to change the border of an element to YIQ 229.9420, -20.4480, -3.8720 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(208, 238, 246) }
```


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

```
.border{ border-color:rgb(208, 238, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 238, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 238, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 238, 246);  
box-shadow:4px 4px 4px 4px rgb(208, 238,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 229.9420, -20.4480, -3.8720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 238, 246) }
```

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

```
.background{ background-color: rgb(208,  
238, 246) }
```

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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