

Converting Colors

YIQ(226.8990, -18.8890,
-4.5930)

Have a look what the booklet for
YIQ(226.8990, -18.8890, -4.5930)
contains.

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Color

**YIQ(226.8990, -18.8890,
-4.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	CEEBF0
RGB	206, 235, 240
RGB Percent	81%, 92%, 94%
CMY	0.1922, 0.0784, 0.0589
CMYK	0.14, 0.02, 0.00, 0.06
HSL	189°, 53%, 87%
HSV	189°, 14%, 94%
XYZ	70.8859, 78.8331, 93.9026
YIQ	226.8990, -18.8890, -4.5930

Conversions

Conversions Part 2

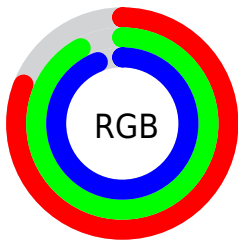
Format	Color
R _Y B	206, 222, 240
Decimal	13560816
CIE Lab	91.16, -8.46, -5.62
CIE LCh	91, 10.155, 213.572
Yxy	78.8331, 0.2910, 0.3236
Android (android.graphics.Color)	4291750896 (0xFFCEEBF0)
YUV	226.8990, 6.4588, -18.3284
Hunter-Lab	88.7880, -12.8695, -0.5538

Details

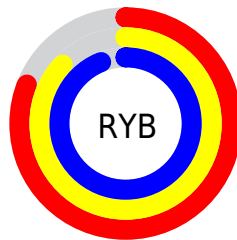
The YIQ color $226.8990, -18.8890, -4.5930$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $219.1010, 18.8890, 4.5930$, and the grayscale version is $227.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $171.1980, -18.2930, -4.3810$ is the 20% darker color. If you saturate the color by 10%, you get $217.9620, -32.3680, -8.1120$, and if you desaturate by 10%, it is $236.4230, -5.6850, -1.5970$.

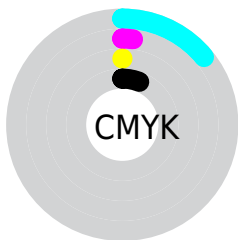
Distribution



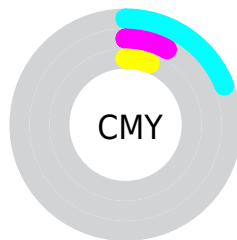
- Red (81%)
- Green (92%)
- Blue (94%)



- Red (81%)
- Yellow (87%)
- Blue (94%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (19%)
- Magenta (8%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.8990, -18.8890, -4.5930 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 226.8990, -18.8890, -4.5930 by changing the saturation by 10% instead.

■ 226.8990,
-18.8890, -4.5930

■ 226.8990,
-18.8890, -4.5930

255.0000, -0.0000,
-0.0000

■ 198.8990,
-18.8890, -4.5930

■ 171.1980,
-18.2930, -4.3810

■ 144.4970,
-17.6970, -4.1690

■ 119.3830,
-17.3760, -4.4800

■ 94.3830, -17.3760,
-4.4800

■ 70.6820, -16.7800,
-4.2680

■ 47.6820, -16.7800,

-4.2680

■ 25.6820, -16.7800,
-4.2680

■ 7.1070, -7.6110,
0.2690

■ 226.8990,
-18.8890, -4.5930

■ 226.8990,
-18.8890, -4.5930

■ 217.9620,
-32.3680, -8.1120

■ 236.4230, -5.6850,
-1.5970

■ 208.4380,
-45.5720, -11.1080

■ 245.3600, 7.7940,
1.9220

■ 199.5010,
-59.0510, -14.6270

■ 248.0070, 7.2900,
0.0420

■ 189.9770,
-72.2550, -17.6230

■ 249.7680, 6.4650,
-1.5270

■ 180.4530,
-85.4590, -20.6190

■ 252.1160, 5.3650,
-3.6190

■ 171.5160,
-98.9380, -24.1380

■ 253.2900, 4.8150,
-4.6650

■ 161.9920,
-112.1420, -27.1340

■ 153.0550,
-125.6210, -30.6530

■ 147.6950,
-133.4150, -32.5750

Harmonies

Analogous

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



226.9440, -14.7620, -7.8020



226.8990, -18.8890, -4.5930



228.0180, -17.6060, -0.3100

Triad

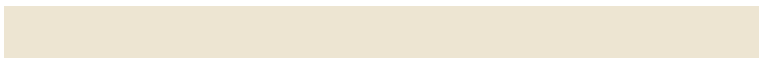
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.8990, -18.8890, -4.5930



231.5760, 7.4260, 8.5940



229.2260, 10.8670, -4.2130

Complementary

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



226.8990, -18.8890, -4.5930



219.1010, 18.8890, 4.5930

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.



230.4980, 16.0930, 0.1970



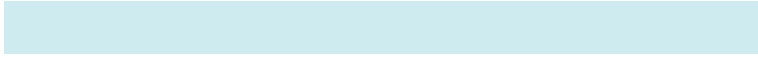
226.8990, -18.8890, -4.5930



231.7570, 14.1660, 7.5900

Square

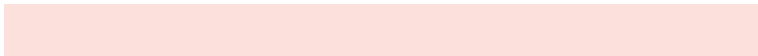
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.8990, -18.8890, -4.5930



230.9600, -2.5230, 7.1810



231.5030, 17.6970, 4.1690



228.0400, 2.5230, -7.1810

Rectangle

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



226.8990, -18.8890, -4.5930



228.8660, -14.1220, 2.6300



231.5030, 17.6970, 4.1690



229.5360, 12.9300, -3.0540

Sweetspot

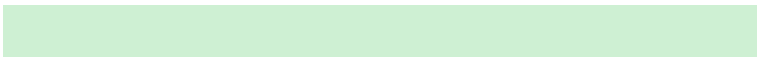
The Sweet Spot groups the original color and five complimentary colors.



226.8990, -18.8890, -4.5930



251.4230, -5.6850, -1.5970



226.5280, -10.9550, -16.2270



125.3200, -3.8970, -0.9610



0.0000, 0.0000, 0.0000



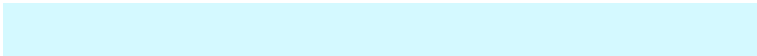
128.0000, -0.0000, -0.0000

Same Dimension

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



226.8990, -18.8890, -4.5930



238.6210, -23.9780, -5.9780



216.9200, -14.2140, 4.2980



115.2380, -6.6020, -1.4980



113.1350, -102.2390, -24.8870



34.5600, -31.1760, -7.6880

Inverse Universe

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



219.4720, 10.9550, 16.2270



229.0750, 13.7510, 20.6230



229.0800, 14.2140, -4.2980



112.7280, 3.9420, 5.6540



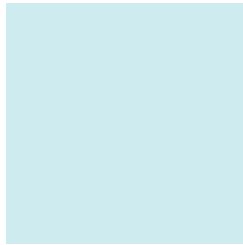
72.9140, 59.2670, 87.8350



22.2160, 17.9680, 26.8000

Previews

White Background



This preview shows how the YIQ color 226.8990, -18.8890, -4.5930 looks on a white background.

Color Contrast Check

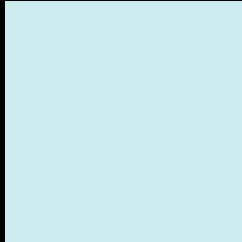
Large Text (above 18pt) WCAG AA × Fail

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 226.8990, -18.8890, -4.5930 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 226.8990, -18.8890, -4.5930

Background



This preview shows how black text looks on a background with the YIQ color 226.8990, -18.8890, -4.5930.



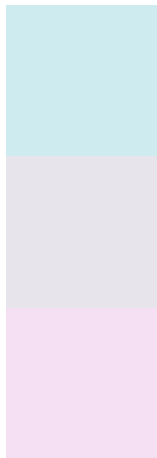
This preview shows how white text looks on a background with the YIQ color 226.8990, -18.8890, -4.5930.

-4.5930.

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

226.8990, -18.8890, -4.5930

Protanopia

229.8090, -0.7800, 3.1240

Deuteranopia

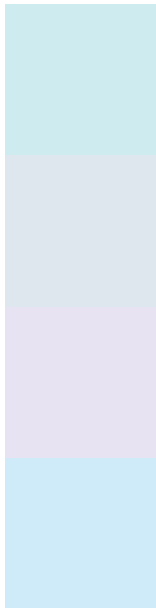
231.8580, 6.6920, 10.8840



Tritanopia

227.6910, -20.9990, 0.6090

Trichromacy



Original Color

226.8990, -18.8890, -4.5930

Protanomaly

228.9930, -7.2900, -0.0420

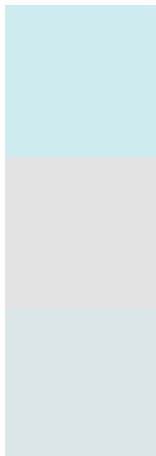
Deuteranomaly

229.9060, -2.4310, 5.5130

Tritanomaly

227.5230, -20.5860, -1.3700

Monochromacy



Original Color

226.8990, -18.8890, -4.5930

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

226.9390, -7.1980, -1.7100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.8990, -18.8890, -4.5930 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, 235, 240)` looks like.

```
.text, #text, p{  
    color:rgb(206, 235, 240)  
}
```

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, 235, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 235, 240) }
```

Border

The CSS property to change the border of an element to YIQ 226.8990, -18.8890, -4.5930 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, 235, 240) }
```


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

```
.border{ border-color:rgb(206, 235, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 235, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 235, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 235, 240);  
box-shadow:4px 4px 4px 4px rgb(206, 235,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 226.8990, -18.8890, -4.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 235, 240) }
```

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

```
.background{ background-color: rgb(206,  
235, 240) }
```

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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