

Converting Colors

YIQ(225.6680, -31.3600,
-4.3520)

Have a look what the booklet for
YIQ(225.6680, -31.3600, -4.3520)
contains.

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Color

**YIQ(225.6680, -31.3600,
-4.3520)**

Conversions

Conversions Part 1

Format	Color
Hex	C1EDFD
RGB	193, 237, 253
RGB Percent	76%, 93%, 99%
CMY	0.2432, 0.0705, 0.0080
CMYK	0.24, 0.06, 0.00, 0.01
HSL	196°, 94%, 87%
HSV	196°, 24%, 99%
XYZ	69.9998, 79.0030, 104.4591
YIQ	225.6680, -31.3600, -4.3520

Conversions

Conversions Part 2

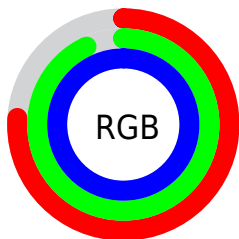
Format	Color
RYB	193, 218, 253
Decimal	12709373
CIELab	91.24, -10.69, -12.36
CIElCh	91, 16.345, 229.155
Yxy	79.0030, 0.2762, 0.3117
Android (android.graphics.Color)	4290899453 (0xFFC1EDFD)
YUV	225.6680, 13.4747, -28.6498
Hunter-Lab	88.8836, -14.9698, -7.4611

Details

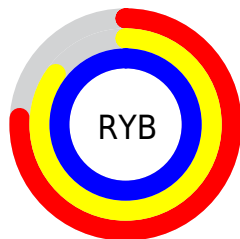
The YIQ color $225.6680, -31.3600, -4.3520$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $220.3320, 31.3600, 4.3520$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5050, -2.9800, -1.0600$, and $169.8530, -30.4430, -4.4510$ is the 20% darker color. If you saturate the color by 10%, you get $214.0840, -44.3350, -5.9910$, and if you desaturate by 10%, it is $237.2520, -18.3850, -2.7130$.

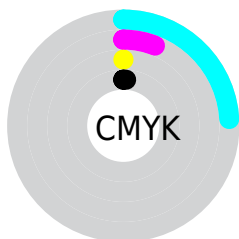
Distribution



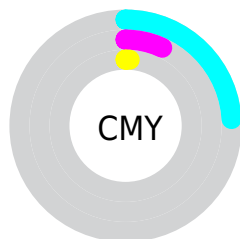
- Red (76%)
- Green (93%)
- Blue (99%)



- Red (76%)
- Yellow (85%)
- Blue (99%)



- Cyan (24%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (24%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.6680, -31.3600, -4.3520 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 225.6680, -31.3600, -4.3520 by changing the saturation by 10% instead.

■ 225.6680,
-31.3600, -4.3520

■ 225.6680,
-31.3600, -4.3520

■ 255.0000, -0.0000,
-0.0000

■ 197.5540,
-31.0390, -4.6630

■ 253.5050, -2.9800,
-1.0600

■ 169.8530,
-30.4430, -4.4510

■ 143.1520,
-29.8470, -4.2390

■ 117.1520,
-29.8470, -4.2390

■ 92.0380, -29.5260,
-4.5500

■ 67.3260, -30.3970,
-5.2850

■ 42.2330, -34.5690,

-6.7690

■ 25.9030, -24.7120,
-3.6880

■ 8.8340, -11.0960,
2.8560

■ 225.6680,
-31.3600, -4.3520

■ 225.6680,
-31.3600, -4.3520

■ 214.0840,
-44.3350, -5.9910

■ 237.2520,
-18.3850, -2.7130

■ 202.7880,
-58.1810, -8.3650

■ 248.5480, -4.5390,
-0.3390

■ 191.2040,
-71.1560, -10.0040

■ 254.7720, 0.6420,
-0.6220

■ 179.6200,
-84.1310, -11.6430

■ 167.7370,
-97.7020, -13.4940

■ 156.7400,
-110.9520, -15.6560

■ 145.1560,
-123.9270, -17.2950

■ 138.0240,
-132.3630, -18.5950

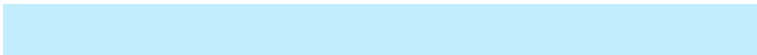
Harmonies

Analogous

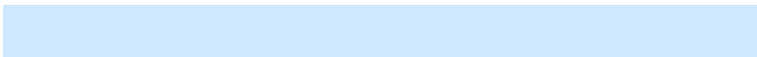
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.4630, -29.5250, -10.0770



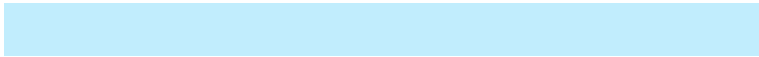
225.6680, -31.3600, -4.3520



227.4350, -23.1540, 1.1180

Triad

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



225.6680, -31.3600, -4.3520



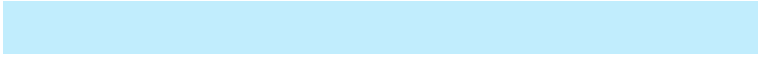
232.2890, 15.7240, 12.3960



228.3520, 10.2720, -9.9520

Complementary

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



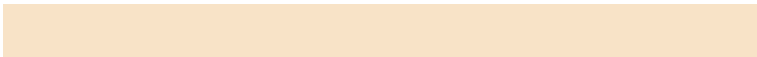
225.6680, -31.3600, -4.3520



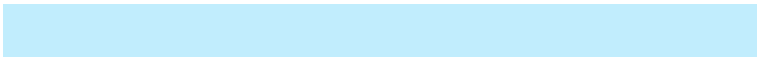
220.3320, 31.3600, 4.3520

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.



230.0870, 21.5040, -4.2560



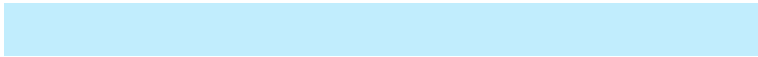
225.6680, -31.3600, -4.3520



229.8780, 21.1350, 7.9430

Square

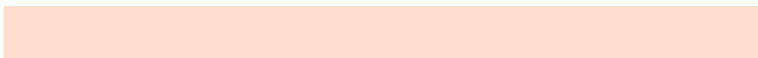
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.6680, -31.3600, -4.3520



232.7700, 4.1240, 13.3720



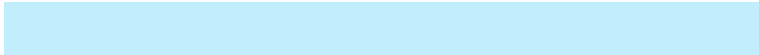
230.1570, 24.4830, 2.3310



226.3440, -4.4450, -13.0610

Rectangle

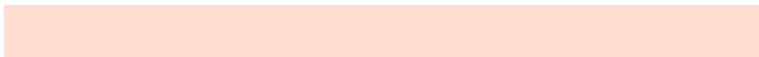
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.6680, -31.3600, -4.3520



229.5610, -14.5810, 5.4430



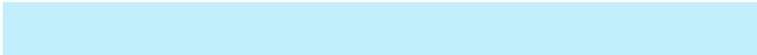
230.1570, 24.4830, 2.3310



228.8580, 14.7190, -7.9450

Sweetspot

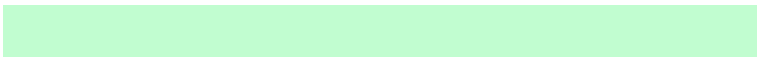
The Sweet Spot groups the original color and five complimentary colors.



225.6680, -31.3600, -4.3520



246.6830, -9.3530, -1.2010



229.9300, -21.3150, -26.7150



122.9500, -5.7310, -0.7630



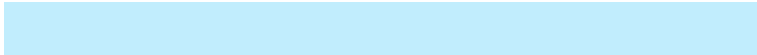
0.0000, 0.0000, 0.0000



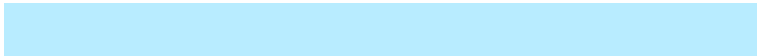
128.0000, -0.0000, -0.0000

Same Dimension

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



225.6680, -31.3600, -4.3520



222.6180, -37.0910, -5.1150



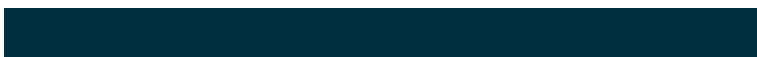
208.6450, -23.3850, 10.8150



121.7650, -6.6480, -0.6640



103.9540, -99.8110, -13.8190



34.8850, -33.4690, -4.6770

Inverse Universe

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



215.9560, 21.6360, 26.4040



211.1570, 25.6240, 31.2240



237.3550, 23.3850, -10.8150



119.9130, 4.8590, 5.5550



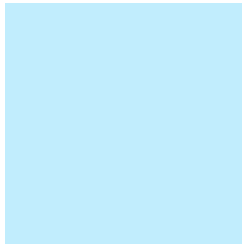
73.0690, 68.8960, 84.0320



24.4940, 23.0570, 28.1850

Previews

White Background



This preview shows how the YIQ color 225.6680, -31.3600, -4.3520 looks on a white background.

Color Contrast Check

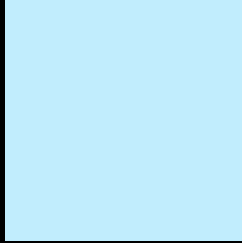
Large Text (above 18pt) WCAG AA × Fail

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 225.6680, -31.3600, -4.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

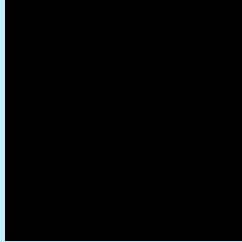
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 225.6680, -31.3600, -4.3520

Background



This preview shows how black text looks on a background with the YIQ color 225.6680, -31.3600, -4.3520.



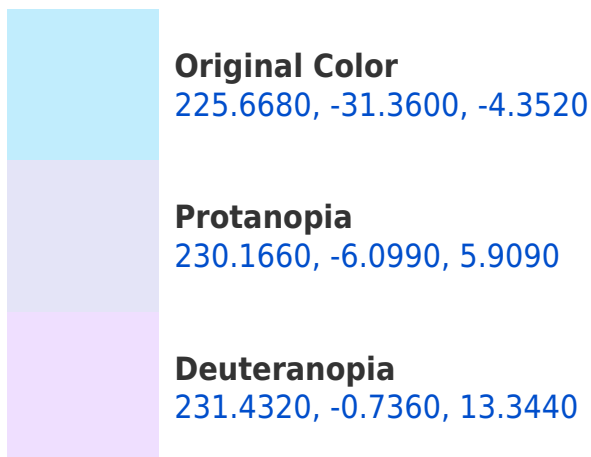
This preview shows how white text looks on a background with the YIQ color 225.6680, -31.3600, -4.3520.

-4.3520.

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

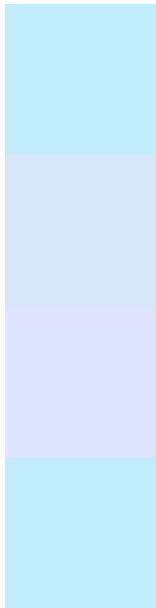




Tritanopia

225.6080, -31.1310, -2.9950

Trichromacy



Original Color

225.6680, -31.3600, -4.3520

Protanomaly

228.2680, -15.3140, 2.2060

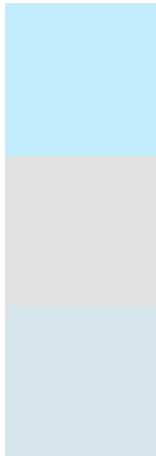
Deuteranomaly

229.1700, -11.9220, 6.8140

Tritanomaly

225.4940, -30.8100, -3.3060

Monochromacy



Original Color

225.6680, -31.3600, -4.3520

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

225.9000, -11.4620, -1.5260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.6680, -31.3600, -4.3520 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(193, 237, 253)` looks like.

```
.text, #text, p{  
    color:rgb(193, 237, 253)  
}
```

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(193, 237, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 237, 253) }
```

Border

The CSS property to change the border of an element to YIQ 225.6680, -31.3600, -4.3520 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(193, 237, 253) }
```


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

```
.border{ border-color:rgb(193, 237, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 237, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 237, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 237, 253);  
box-shadow:4px 4px 4px 4px rgb(193, 237,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 225.6680, -31.3600, -4.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 237, 253) }
```

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

```
.background{ background-color: rgb(193,  
237, 253) }
```

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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