

Converting Colors

YIQ(222.9850, -31.1750,
-13.2150)

Have a look what the booklet for
YIQ(222.9850, -31.1750, -13.2150)
contains.

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Color

**YIQ(222.9850, -31.1750,
-13.2150)**

Conversions

Conversions Part 1

Format	Color
Hex	B9F0EB
RGB	185, 240, 235
RGB Percent	73%, 94%, 92%
CMY	0.2746, 0.0587, 0.0785
CMYK	0.23, 0.00, 0.02, 0.06
HSL	174°, 65%, 83%
HSV	174°, 23%, 94%
XYZ	66.1572, 78.6402, 90.2663
YIQ	222.9850, -31.1750, -13.2150

Conversions

Conversions Part 2

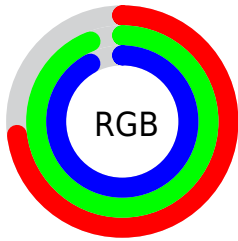
Format	Color
R _Y B	185, 214, 240
Decimal	12185835
CIE Lab	91.07, -18.40, -3.28
CIE LCh	91, 18.689, 190.097
Yxy	78.6402, 0.2814, 0.3345
Android (android.graphics.Color)	4290375915 (0xFFB9F0EB)
YUV	222.9850, 5.9234, -33.3128
Hunter-Lab	88.6793, -22.0229, 1.7245

Details

The YIQ color $222.9850, -31.1750, -13.2150$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $202.0150, 31.1750, 13.2150$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $251.1130, -7.7480, -2.7560$, and $167.5830, -29.9830, -12.7910$ is the 20% darker color. If you saturate the color by 10%, you get $215.5810, -44.8370, -18.9250$, and if you desaturate by 10%, it is $230.3890, -17.5130, -7.5050$.

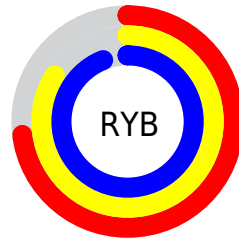
Distribution



Red (73%)

Green (94%)

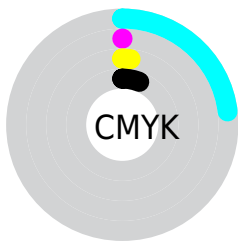
Blue (92%)



Red (73%)

Yellow (84%)

Blue (94%)

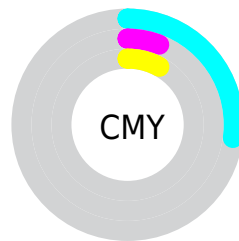


Cyan (23%)

Magenta (0%)

Yellow (2%)

Black (6%)



Cyan (27%)

Magenta (6%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.9850, -31.1750, -13.2150 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 222.9850, -31.1750, -13.2150 by changing the saturation by 10% instead.

■ 222.9850,
-31.1750, -13.2150

■ 222.9850,
-31.1750, -13.2150

255.0000, -0.0000,
-0.0000

■ 194.9850,
-31.1750, -13.2150

■ 251.1130, -7.7480,
-2.7560

■ 167.5830,
-29.9830, -12.7910

■ 140.6970,
-30.3040, -12.4800

■ 114.9960,
-29.7080, -12.2680

■ 89.1100, -30.0290,
-11.9570

■ 64.5120, -31.2210,
-12.3810

■ 40.3160, -33.6050,

-13.2290

■ 25.0080, -20.8140,
-8.2540

■ 6.0640, -6.0520,
-0.4520

■ 222.9850,
-31.1750, -13.2150

■ 222.9850,
-31.1750, -13.2150

■ 215.5810,
-44.8370, -18.9250

■ 230.3890,
-17.5130, -7.5050

■ 208.1770,
-58.4990, -24.6350

■ 237.7930, -3.8510,
-1.7950

■ 200.6590,
-71.8400, -30.6560

■ 244.7130, 8.2980,
3.8020

■ 193.2550,
-85.5020, -36.3660

■ 244.9410, 7.6560,
4.4240

■ 185.8510,
-99.1640, -42.0760

■ 245.1690, 7.0140,
5.0460

■ 178.4470,
-112.8260, -47.7860

■ 245.3970, 6.3720,
5.6680

■ 171.0430,
-126.4880, -53.4960

■ 245.6250, 5.7300,
6.2900

■ 165.7320,
-135.9780, -57.7220

■ 245.9670, 4.7670,
7.2230

■ 246.1950, 4.1250,
7.8450

Harmonies

Analogous

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



224.2330, -17.3740, -15.5340



222.9850, -31.1750, -13.2150



224.0370, -36.9530, -7.6170

Triad

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



222.9850, -31.1750, -13.2150



231.7310, -0.1400, 13.5560



230.0770, 27.4640, -2.1360

Complementary

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



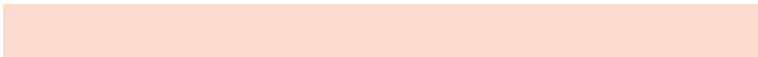
222.9850, -31.1750, -13.2150



202.0150, 31.1750, 13.2150

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.



228.3960, 25.3080, 3.9000



222.9850, -31.1750, -13.2150



231.7990, 14.3480, 15.3080

Square

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



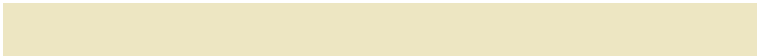
222.9850, -31.1750, -13.2150



228.6750, -14.9020, 5.7540



229.1600, 20.4010, 10.2330



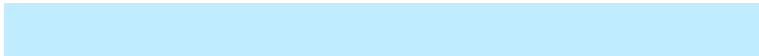
227.9890, 15.7280, -9.7120

Rectangle

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



222.9850, -31.1750, -13.2150



224.7110, -32.9190, -3.6310



229.1600, 20.4010, 10.2330



229.2450, 27.0510, -0.1570

Sweetspot

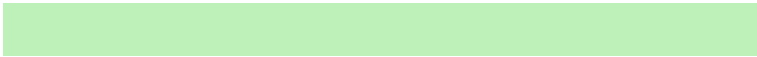
The Sweet Spot groups the original color and five complimentary colors.



222.9850, -31.1750, -13.2150



249.3900, -10.0860, -4.4380



218.7800, -12.1450, -27.7050



124.5970, -6.2350, -2.6430



0.0000, 0.0000, 0.0000



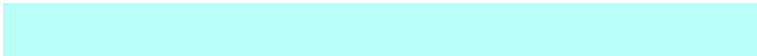
128.0000, -0.0000, -0.0000

Same Dimension

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



222.9850, -31.1750, -13.2150



232.9730, -40.0690, -17.2290



210.6410, -26.7300, -0.1540



116.2980, -6.8310, -2.8550



127.0460, -104.2070, -44.2950



38.6860, -31.7710, -13.4270

Inverse Universe

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



202.0150, 31.1750, 13.2150



205.9130, 40.3900, 16.9180



214.3590, 26.7300, 0.1540



111.7020, 6.8310, 2.8550



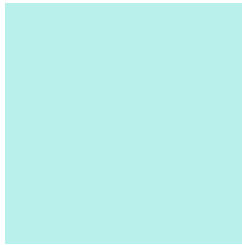
56.9540, 104.2070, 44.2950



17.3140, 31.7710, 13.4270

Previews

White Background



This preview shows how the YIQ color 222.9850, -31.1750, -13.2150 looks on a white background.

Color Contrast Check

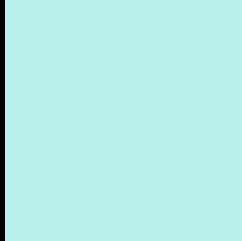
Large Text (above 18pt) WCAG AA × Fail

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 222.9850, -31.1750, -13.2150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

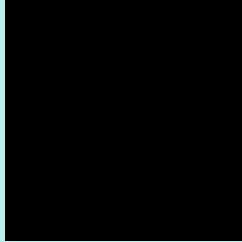
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

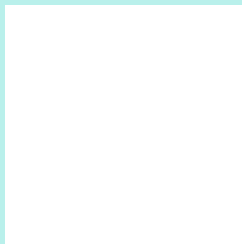
Any Text WCAG AAA ✓ Pass

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

YIQ 222.9850, -31.1750, -13.2150 Background



This preview shows how black text looks on a background with the YIQ color 222.9850, -31.1750, -13.2150.



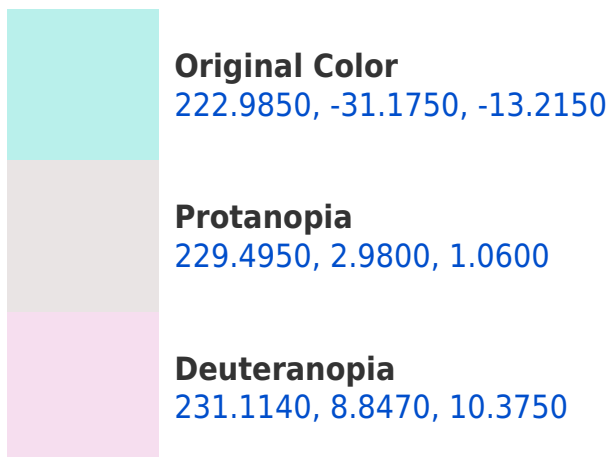
This preview shows how white text looks on a background with the YIQ color 222.9850, -31.1750, -13.2150.

-13.2150.

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

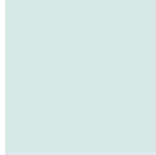
225.2980, -33.1940, -4.1540

Trichromacy



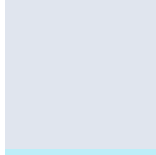
Original Color

222.9850, -31.1750, -13.2150



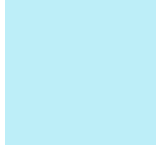
Protanomaly

227.1020, -9.2150, -3.7030



Deuteranomaly

228.5310, -5.8690, 1.7390



Tritanomaly

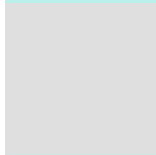
224.4890, -32.4140, -7.2780

Monochromacy



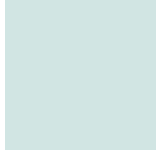
Original Color

222.9850, -31.1750, -13.2150



Achromatopsia

223.0000, -0.0000, -0.0000



Achromatomaly

222.7920, -11.2780, -4.8620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.9850, -31.1750, -13.2150 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(185, 240, 235)` looks like.

```
.text, #text, p{  
    color:rgb(185, 240, 235)  
}
```

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(185, 240, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 240, 235) }
```

Border

The CSS property to change the border of an element to YIQ 222.9850, -31.1750, -13.2150 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

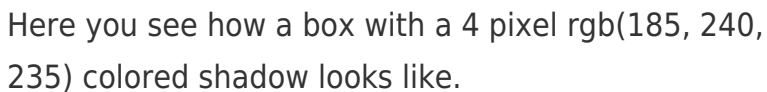
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 240, 235) }
```


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

```
.border{ border-color:rgb(185, 240, 235) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 240, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 240, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 240, 235); box-shadow:4px 4px 4px 4px rgb(185, 240, 235) }
```

Background

The CSS property to change the background color of an element to YIQ 222.9850, -31.1750, -13.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 240, 235) }
```

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

```
.background{ background-color: rgb(185,  
240, 235) }
```

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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