

Converting Colors

YIQ(222.6590, -36.3090,
-19.2930)

Have a look what the booklet for
YIQ(222.6590, -36.3090, -19.2930)
contains.

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Color

**YIQ(222.6590, -36.3090,
-19.2930)**

Conversions

Conversions Part 1

Format	Color
Hex	B0F5E6
RGB	176, 245, 230
RGB Percent	69%, 96%, 90%
CMY	0.3100, 0.0391, 0.0982
CMYK	0.28, 0.00, 0.06, 0.04
HSL	167°, 78%, 83%
HSV	167°, 28%, 96%
XYZ	64.8338, 80.2586, 86.9124
YIQ	222.6590, -36.3090, -19.2930

Conversions

Conversions Part 2

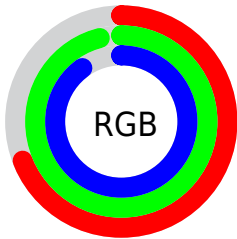
Format	Color
R_{YB}	176, 215, 245
Decimal	11597286
CIE _{Lab}	91.80, -24.52, 0.34
CIE _{LCh}	92, 24.520, 179.211
Yxy	80.2586, 0.2795, 0.3459
Android (android.graphics.Color)	4289787366 (0xFFB0F5E6)
YUV	222.6590, 3.6191, -40.9199
Hunter-Lab	89.5871, -27.5978, 5.1912

Details

The YIQ color $222.6590, -36.3090, -19.2930$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $198.3410, 36.3090, 19.2930$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.4220, -13.1120, -4.6640$, and $167.0720, -36.0340, -18.7700$ is the 20% darker color. If you saturate the color by 10%, you get $214.6140, -49.6040, -26.1480$, and if you desaturate by 10%, it is $230.4050, -23.6100, -12.6500$.

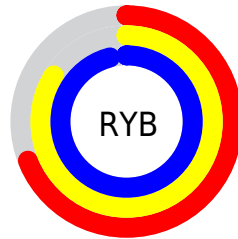
Distribution



Red (69%)

Green (96%)

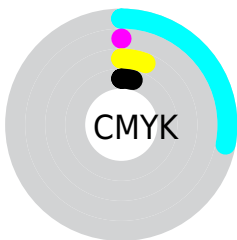
Blue (90%)



Red (69%)

Yellow (84%)

Blue (96%)

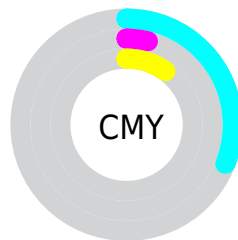


Cyan (28%)

Magenta (0%)

Yellow (6%)

Black (4%)



Cyan (31%)

Magenta (4%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.6590, -36.3090, -19.2930 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 222.6590, -36.3090, -19.2930 by changing the saturation by 10% instead.

■ 222.6590,
-36.3090, -19.2930

■ 222.6590,
-36.3090, -19.2930

255.0000, -0.0000,
-0.0000

■ 194.0720,
-36.0340, -18.7700

■ 248.4220,
-13.1120, -4.6640

■ 167.0720,
-36.0340, -18.7700

■ 139.7840,
-35.1630, -18.0350

■ 113.4850,
-35.7590, -18.2470

■ 87.3000, -36.6760,
-18.1480

■ 60.7230, -42.3610,
-19.7450

■ 41.6210, -33.1460,

-16.0420

■ 26.3130, -20.3550,
-11.0670

■ 7.6140, -4.9050,
-4.7210

■ 222.6590,
-36.3090, -19.2930

■ 222.6590,
-36.3090, -19.2930

■ 214.6140,
-49.6040, -26.1480

■ 230.4050,
-23.6100, -12.6500

■ 206.7540,
-61.9820, -33.1020

■ 238.5640,
-10.6360, -5.4840

■ 198.7090,
-75.2770, -39.9570

■ 246.3100, 2.0630,
1.1590

■ 190.9630,
-87.9760, -46.6000

■ 248.6740, 4.0340,
3.9860

■ 182.8040,
-100.9500, -53.7660

■ 249.1300, 2.7500,
5.2300

■ 175.0580,
-113.6490, -60.4090

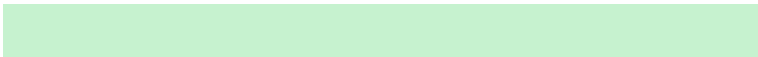
■ 167.0130,
-126.9440, -67.2640

■ 165.7030,
-129.0070, -68.4230

Harmonies

Analogous

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



224.8540, -14.9890, -20.2130



222.6590, -36.3090, -19.2930



222.1170, -49.1020, -13.2140

Triad

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



222.6590, -36.3090, -19.2930



231.9970, -3.9450, 10.9270



228.4470, 29.2980, -2.3340

Complementary

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



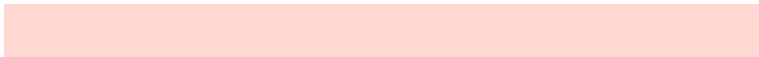
222.6590, -36.3090, -19.2930



198.3410, 36.3090, 19.2930

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.



226.9770, 25.1700, 6.4020



222.6590, -36.3090, -19.2930



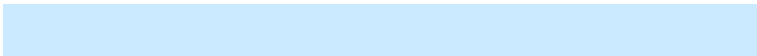
233.8680, 9.9000, 18.8280

Square

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



222.6590, -36.3090, -19.2930



227.4240, -24.6210, 0.1710



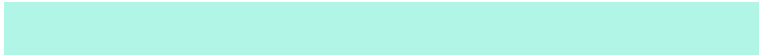
229.0120, 18.0620, 14.0780



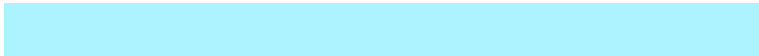
230.8500, 26.3650, -9.7550

Rectangle

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



222.6590, -36.3090, -19.2930



222.5520, -45.8930, -10.7970



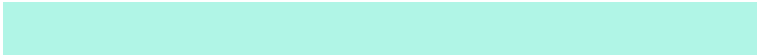
229.0120, 18.0620, 14.0780



227.8430, 28.2430, 0.2670

Sweetspot

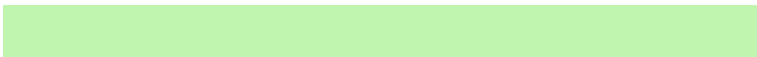
The Sweet Spot groups the original color and five complimentary colors.



222.6590, -36.3090, -19.2930



248.5640, -10.6360, -5.4840



221.2870, -9.4390, -32.6950



123.7710, -6.7850, -3.6890



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.



222.6590, -36.3090, -19.2930



226.8210, -45.7530, -24.3530



213.8030, -36.1740, -5.2140



118.1840, -6.5100, -3.1660



125.8260, -98.0160, -51.8720



39.8770, -30.9910, -16.5510

Inverse Universe

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



198.3410, 36.3090, 19.2930



196.1790, 45.7530, 24.3530



207.1970, 36.1740, 5.2140



113.9300, 6.1890, 3.4770



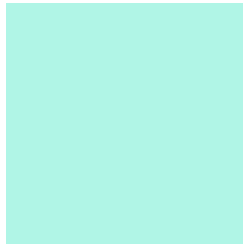
60.2880, 97.6950, 52.1830



19.1230, 30.9910, 16.5510

Previews

White Background



This preview shows how the YIQ color 222.6590, -36.3090, -19.2930 looks on a white background.

Color Contrast Check

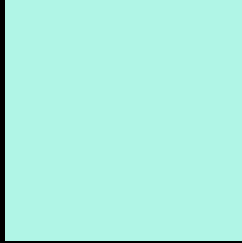
Large Text (above 18pt) WCAG AA × Fail

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 222.6590, -36.3090, -19.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

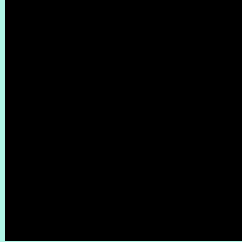
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

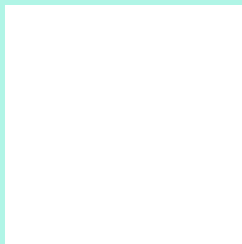
Any Text WCAG AAA ✓ Pass

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

YIQ 222.6590, -36.3090, -19.2930 Background



This preview shows how black text looks on a background with the YIQ color 222.6590, -36.3090, -19.2930.



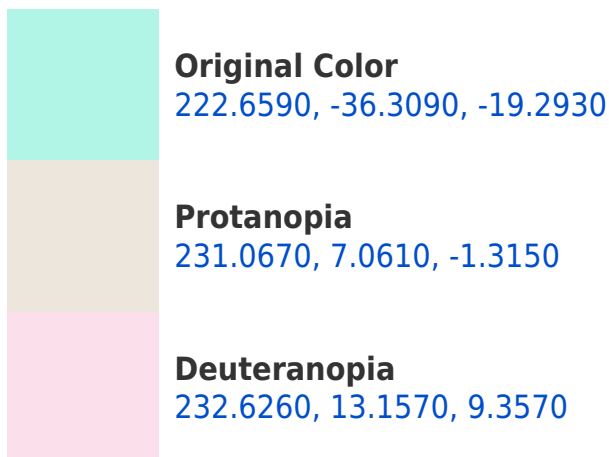
This preview shows how white text looks on a background with the YIQ color 222.6590, -36.3090, -19.2930.

-19.2930.

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

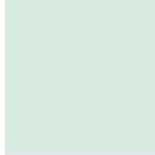
226.7710, -33.1480, -4.9880

Trichromacy



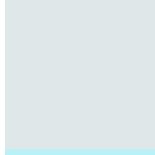
Original Color

222.6590, -36.3090, -19.2930



Protanomaly

227.7660, -8.3890, -7.6610



Deuteranomaly

229.1350, -4.8140, -0.8620



Tritanomaly

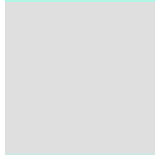
225.1250, -34.3850, -10.1050

Monochromacy



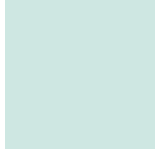
Original Color

222.6590, -36.3090, -19.2930



Achromatopsia

223.0000, -0.0000, -0.0000



Achromatomaly

222.9550, -13.2950, -6.8550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.6590, -36.3090, -19.2930 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(176, 245, 230)` looks like.

```
.text, #text, p{  
    color:rgb(176, 245, 230)  
}
```

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(176, 245, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 245, 230) }
```

Border

The CSS property to change the border of an element to YIQ 222.6590, -36.3090, -19.2930 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(176, 245, 230) }
```


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

```
.border{ border-color:rgb(176, 245, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 245, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 245, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 245, 230);  
box-shadow:4px 4px 4px 4px rgb(176, 245,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 222.6590, -36.3090, -19.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 245, 230) }
```

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

```
.background{ background-color: rgb(176,  
245, 230) }
```

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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