

Converting Colors

YIQ(221.3540, -36.7680,
-16.4800)

Have a look what the booklet for
YIQ(221.3540, -36.7680, -16.4800)
contains.

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Color

**YIQ(221.3540, -36.7680,
-16.4800)**

Conversions

Conversions Part 1

Format	Color
Hex	B0F2EA
RGB	176, 242, 234
RGB Percent	69%, 95%, 92%
CMY	0.3100, 0.0509, 0.0825
CMYK	0.27, 0.00, 0.03, 0.05
HSL	173°, 72%, 82%
HSV	173°, 27%, 95%
XYZ	64.5017, 78.6845, 89.6031
YIQ	221.3540, -36.7680, -16.4800

Conversions

Conversions Part 2

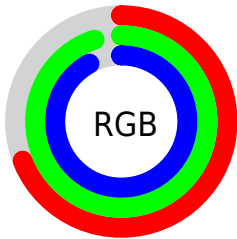
Format	Color
R_{YB}	176, 211, 242
Decimal	11596522
CIE _{Lab}	91.09, -22.21, -2.78
CIE _{LCh}	91, 22.387, 187.135
Yxy	78.6845, 0.2771, 0.3380
Android (android.graphics.Color)	4289786602 (0xFFB0F2EA)
YUV	221.3540, 6.2345, -39.7755
Hunter-Lab	88.7043, -25.4355, 2.2022

Details

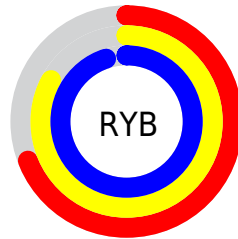
The YIQ color **221.3540, -36.7680, -16.4800** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **196.6460, 36.7680, 16.4800**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.4220, -13.1120, -4.6640**, and **165.6530, -36.1720, -16.2680** is the 20% darker color. If you saturate the color by 10%, you get **213.8360, -50.1090, -22.5010**, and if you desaturate by 10%, it is **228.8720, -23.4270, -10.4590**.

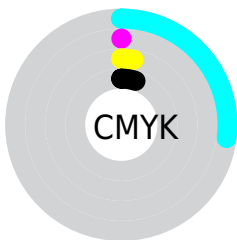
Distribution



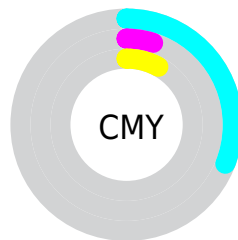
- Red (69%)
- Green (95%)
- Blue (92%)



- Red (69%)
- Yellow (83%)
- Blue (95%)



- Cyan (27%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)



- Cyan (31%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.3540, -36.7680, -16.4800 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 221.3540, -36.7680, -16.4800 by changing the saturation by 10% instead.

■ 221.3540,
-36.7680, -16.4800

■ 221.3540,
-36.7680, -16.4800

■ 255.0000, -0.0000,
-0.0000

■ 193.3540,
-36.7680, -16.4800

■ 248.4220,
-13.1120, -4.6640

■ 165.6530,
-36.1720, -16.2680

■ 139.0660,
-35.8970, -15.7450

■ 112.4790,
-35.6220, -15.2220

■ 86.8810, -36.8140,
-15.6460

■ 59.3040, -42.4990,
-17.2430

■ 40.7890, -33.5590,

-14.0630

■ 25.4810, -20.7680,
-9.0880

■ 5.9500, -5.7310,
-0.7630

■ 221.3540,
-36.7680, -16.4800

■ 221.3540,
-36.7680, -16.4800

■ 213.8360,
-50.1090, -22.5010

■ 228.8720,
-23.4270, -10.4590

■ 206.3180,
-63.4500, -28.5220

■ 236.3900,
-10.0860, -4.4380

■ 198.5010,
-77.3870, -34.7550

■ 244.2070, 3.8510,
1.7950

■ 190.9830,
-90.7280, -40.7760

■ 246.3430, 6.4640,
4.0000

■ 183.4650,
-104.0690, -46.7970

■ 246.6850, 5.5010,
4.9330

■ 175.9470,
-117.4100, -52.8180

■ 247.0270, 4.5380,
5.8660

■ 168.4290,
-130.7510, -58.8390

■ 247.3690, 3.5750,
6.7990

■ 166.2220,
-134.6020, -60.6340

Harmonies

Analogous

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



222.7550, -19.0240, -18.6720



221.3540, -36.7680, -16.4800



222.2640, -45.0220, -10.0620

Triad

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



221.3540, -36.7680, -16.4800



231.1440, 0.1350, 14.0790



228.9200, 29.3440, -3.1680

Complementary

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



221.3540, -36.7680, -16.4800



196.6460, 36.7680, 16.4800

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.



226.8800, 26.8210, 4.0130



221.3540, -36.7680, -16.4800



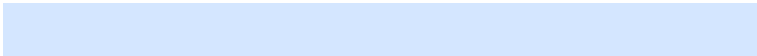
231.7820, 13.0180, 17.3860

Square

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



221.3540, -36.7680, -16.4800



227.4680, -18.7530, 3.9590



227.5130, 20.9050, 12.1130



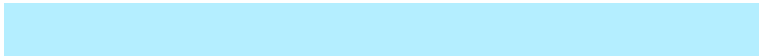
228.3870, 20.3590, -11.0410

Rectangle

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



221.3540, -36.7680, -16.4800



222.5960, -40.0250, -7.0090



227.5130, 20.9050, 12.1130



227.5010, 29.2060, -0.6660

Sweetspot

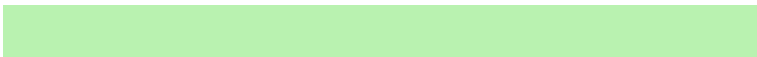
The Sweet Spot groups the original color and five complimentary colors.



221.3540, -36.7680, -16.4800



248.7920, -11.2780, -4.8620



217.4330, -12.7860, -32.6100



123.8850, -7.1060, -3.3780



0.0000, 0.0000, 0.0000



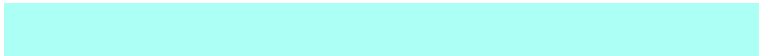
128.0000, -0.0000, -0.0000

Same Dimension

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



221.3540, -36.7680, -16.4800



228.7440, -46.8540, -20.9180



208.1780, -32.7360, -1.4400



116.1840, -6.5100, -3.1660



126.3620, -102.2810, -46.1610



38.4580, -31.1290, -14.0490

Inverse Universe

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



196.6460, 36.7680, 16.4800



197.2560, 46.8540, 20.9180



209.8220, 32.7360, 1.4400



111.7020, 6.8310, 2.8550



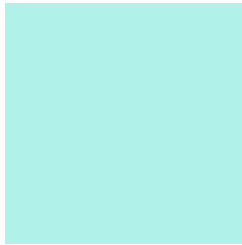
57.5240, 102.6020, 45.8500



17.5420, 31.1290, 14.0490

Previews

White Background



This preview shows how the YIQ color 221.3540, -36.7680, -16.4800 looks on a white background.

Color Contrast Check

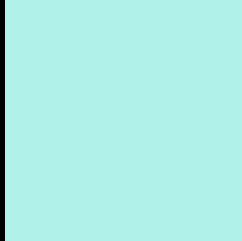
Large Text (above 18pt) WCAG AA × Fail

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 221.3540, -36.7680, -16.4800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

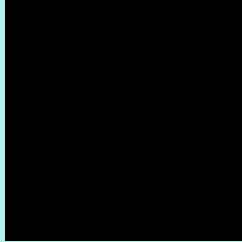
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

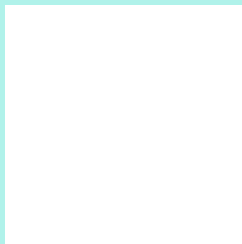
Any Text WCAG AAA ✓ Pass

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

YIQ 221.3540, -36.7680, -16.4800 Background



This preview shows how black text looks on a background with the YIQ color 221.3540, -36.7680, -16.4800.



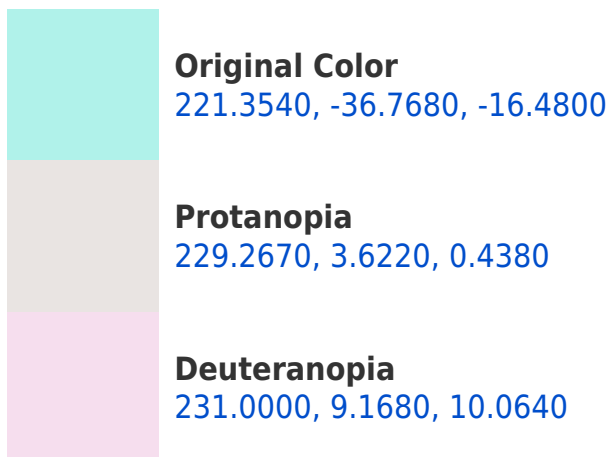
This preview shows how white text looks on a background with the YIQ color 221.3540, -36.7680, -16.4800.

-16.4800.

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

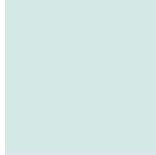
224.3900, -36.4490, -5.7370

Trichromacy



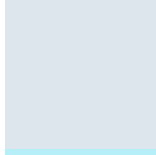
Original Color

221.3540, -36.7680, -16.4800



Protanomaly

226.2650, -11.2320, -5.6960



Deuteranomaly

227.5200, -7.3360, 0.7920



Tritanomaly

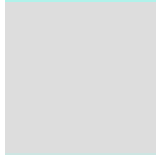
222.8690, -36.5400, -9.5960

Monochromacy



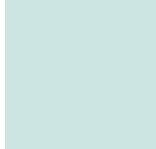
Original Color

221.3540, -36.7680, -16.4800



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

221.4820, -13.3410, -6.0210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.3540, -36.7680, -16.4800 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, 242, 234)` looks like.

```
.text, #text, p{  
    color:rgb(176, 242, 234)  
}
```

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, 242, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 242, 234) }
```

Border

The CSS property to change the border of an element to YIQ 221.3540, -36.7680, -16.4800 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, 242, 234) }
```


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

```
.border{ border-color:rgb(176, 242, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 242, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 242, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 242, 234);  
box-shadow:4px 4px 4px 4px rgb(176, 242,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 221.3540, -36.7680, -16.4800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 242, 234) }
```

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

```
.background{ background-color: rgb(176,  
242, 234) }
```

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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