

Converting Colors

YIQ(221.3380, -30.6710,
-11.3350)

Have a look what the booklet for
YIQ(221.3380, -30.6710, -11.3350)
contains.

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Color

**YIQ(221.3380, -30.6710,
-11.3350)**

Conversions

Conversions Part 1

Format	Color
Hex	B9EDEC
RGB	185, 237, 236
RGB Percent	73%, 93%, 93%
CMY	0.2746, 0.0705, 0.0746
CMYK	0.22, 0.00, 0.00, 0.07
HSL	179°, 59%, 83%
HSV	179°, 22%, 93%
XYZ	65.4263, 76.9457, 90.7371
YIQ	221.3380, -30.6710, -11.3350

Conversions

Conversions Part 2

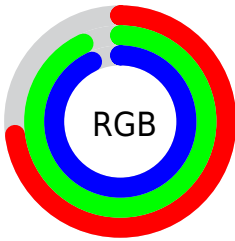
Format	Color
RYB	185, 211, 237
Decimal	12185068
CIELab	90.30, -16.70, -4.94
CIELCh	90, 17.413, 196.474
Yxy	76.9457, 0.2807, 0.3301
Android (android.graphics.Color)	4290375148 (0xFFB9EDEC)
YUV	221.3380, 7.2284, -31.8684
Hunter-Lab	87.7187, -20.3709, 0.0730

Details

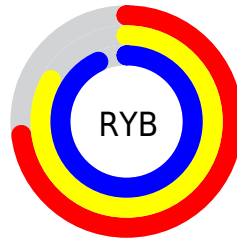
The YIQ color **221.3380, -30.6710, -11.3350** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **200.6620, 30.6710, 11.3350**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.1130, -7.7480, -2.7560**, and **165.9360, -29.4790, -10.9110** is the 20% darker color. If you saturate the color by 10%, you get **214.0480, -44.6540, -16.7340**, and if you desaturate by 10%, it is **228.5140, -16.3670, -6.2470**.

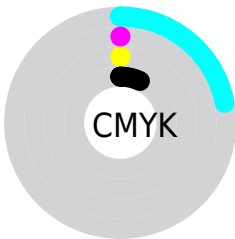
Distribution



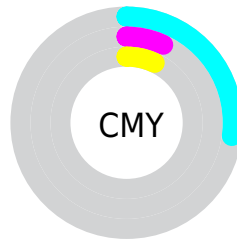
- Red (73%)
- Green (93%)
- Blue (93%)



- Red (73%)
- Yellow (83%)
- Blue (93%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (27%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.3380, -30.6710, -11.3350 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 221.3380, -30.6710, -11.3350 by changing the saturation by 10% instead.

■ 221.3380,
-30.6710, -11.3350

■ 221.3380,
-30.6710, -11.3350

■ 255.0000, -0.0000,
-0.0000

■ 193.3380,
-30.6710, -11.3350

■ 251.1130, -7.7480,
-2.7560

■ 165.9360,
-29.4790, -10.9110

■ 138.9360,
-29.4790, -10.9110

■ 113.3490,
-29.2040, -10.3880

■ 88.2350, -28.8830,
-10.6990

■ 63.7510, -30.3960,
-10.8120

■ 39.2560, -33.3760,

-11.8720

■ 23.8340, -20.2640,
-7.2080

■ 3.2430, -4.9980,
2.4740

■ 221.3380,
-30.6710, -11.3350

■ 221.3380,
-30.6710, -11.3350

■ 214.0480,
-44.6540, -16.7340

■ 228.5140,
-16.3670, -6.2470

■ 207.1710,
-58.3620, -21.6100

■ 235.5050, -2.9800,
-1.0600

■ 199.9950,
-72.6660, -26.6980

■ 242.3820, 10.7280,
3.8160

■ 192.7050,
-86.6490, -32.0970

■ 242.4960, 10.4070,
4.1270

■ 185.5290,
-100.9530, -37.1850

■ 242.6100, 10.0860,
4.4380

■ 178.5380,
-114.3400, -42.3720

■ 242.7240, 9.7650,
4.7490

■ 171.3620,
-128.6440, -47.4600

■ 165.5670,
-139.6470, -51.7990

Harmonies

Analogous

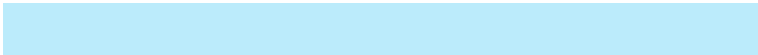
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.3900, -19.2540, -14.5020



221.3380, -30.6710, -11.3350



222.4720, -33.7440, -5.2000

Triad

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



221.3380, -30.6710, -11.3350



229.6990, 2.8860, 13.7820



227.8700, 23.6130, -3.9310

Complementary

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



221.3380, -30.6710, -11.3350



200.6620, 30.6710, 11.3350

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.



228.0540, 26.2710, 2.9670



221.3380, -30.6710, -11.3350



230.4140, 16.8700, 13.6540

Square

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



221.3380, -30.6710, -11.3350



227.8110, -12.2890, 7.9590



227.8890, 22.6020, 8.8900



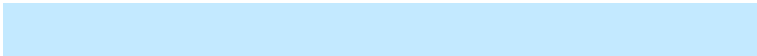
225.7220, 12.1060, -10.1500

Rectangle

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



221.3380, -30.6710, -11.3350



224.1460, -29.7100, -1.2140



227.8890, 22.6020, 8.8900



228.4190, 26.5010, -1.2030

Sweetspot

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



221.3380, -30.6710, -11.3350



249.6180, -10.7280, -3.8160



216.1220, -13.1080, -26.7720



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.



221.3380, -30.6710, -11.3350



235.1520, -39.0150, -14.3030



207.3640, -24.3920, 1.5280



113.7110, -6.5560, -2.3320



126.4250, -106.5920, -39.6160



37.6260, -31.5420, -12.0700

Inverse Universe

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



200.6620, 30.6710, 11.3350



208.8480, 39.0150, 14.3030



214.6360, 24.3920, -1.5280



109.2890, 6.5560, 2.3320



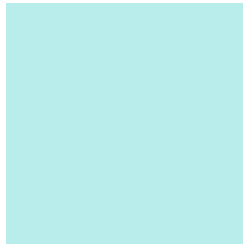
54.5750, 106.5920, 39.6160



16.2600, 31.8630, 11.7590

Previews

White Background



This preview shows how the YIQ color 221.3380, -30.6710, -11.3350 looks on a white background.

Color Contrast Check

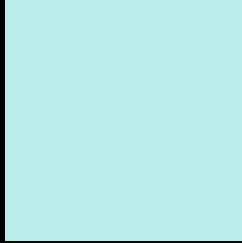
Large Text (above 18pt) WCAG AA × Fail

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 221.3380, -30.6710, -11.3350 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 221.3380, -30.6710, -11.3350 Background



This preview shows how black text looks on a background with the YIQ color 221.3380, -30.6710, -11.3350.



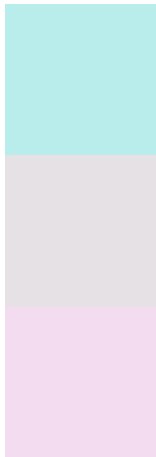
This preview shows how white text looks on a background with the YIQ color 221.3380, -30.6710, -11.3350.

-11.3350.

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

221.3380, -30.6710, -11.3350

Protanopia

226.9510, 1.6960, 2.3040

Deuteranopia

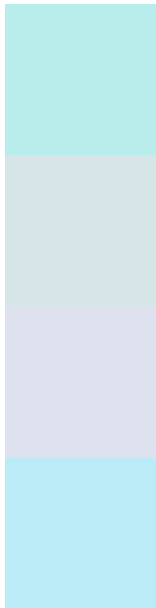
229.1570, 7.2880, 11.0960



Tritanopia

222.4120, -33.5150, -3.8430

Trichromacy



Original Color

221.3380, -30.6710, -11.3350

Protanomaly

224.8570, -9.9030, -2.2470

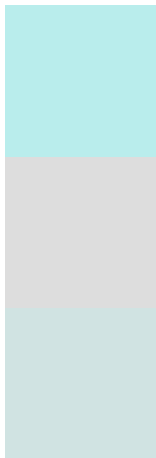
Deuteranomaly

226.2860, -6.5570, 3.1950

Tritanomaly

222.0160, -32.4600, -6.4440

Monochromacy



Original Color

221.3380, -30.6710, -11.3350

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.2050, -11.0030, -4.3390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.3380, -30.6710, -11.3350 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, 237, 236)` looks like.

```
.text, #text, p{  
    color:rgb(185, 237, 236)  
}
```

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, 237, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 237, 236) }
```

Border

The CSS property to change the border of an element to YIQ 221.3380, -30.6710, -11.3350 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, 237, 236) }
```


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

```
.border{ border-color:rgb(185, 237, 236) }
```

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

Here you see how a box with a 4 pixel rgb(185, 237, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 237, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 237, 236);  
box-shadow:4px 4px 4px 4px rgb(185, 237,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 221.3380, -30.6710, -11.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 237, 236) }
```

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

```
.background{ background-color: rgb(185,  
237, 236) }
```

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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