

Converting Colors

YIQ(217.9320, -23.6560,
-11.8160)

Have a look what the booklet for
YIQ(217.9320, -23.6560, -11.8160)
contains.

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Color

**YIQ(217.9320, -23.6560,
-11.8160)**

Conversions

Conversions Part 1

Format	Color
Hex	BCE8E0
RGB	188, 232, 224
RGB Percent	74%, 91%, 88%
CMY	0.2628, 0.0901, 0.1216
CMYK	0.19, 0.00, 0.03, 0.09
HSL	169°, 49%, 82%
HSV	169°, 19%, 91%
XYZ	63.0455, 73.7920, 81.4255
YIQ	217.9320, -23.6560, -11.8160

Conversions

Conversions Part 2

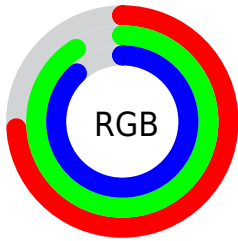
Format	Color
RYB	188, 212, 232
Decimal	12380384
CIELab	88.82, -15.77, -0.81
CIElCh	89, 15.793, 182.922
Yxy	73.7920, 0.2889, 0.3381
Android (android.graphics.Color)	4290570464 (0xFFBCE8E0)
YUV	217.9320, 2.9915, -26.2504
Hunter-Lab	85.9023, -19.3242, 3.9315

Details

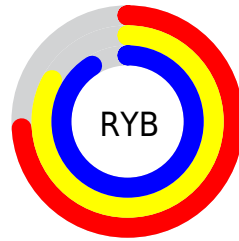
The YIQ color **217.9320, -23.6560, -11.8160** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **202.0680, 23.6560, 11.8160**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.0100, -5.9600, -2.1200**, and **162.6440, -22.7850, -11.0810** is the 20% darker color. If you saturate the color by 10%, you get **210.5990, -36.0800, -17.9360**, and if you desaturate by 10%, it is **225.2650, -11.2320, -5.6960**.

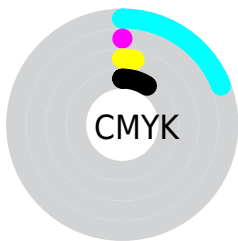
Distribution



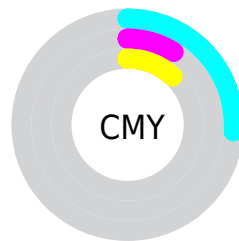
- Red (74%)
- Green (91%)
- Blue (88%)



- Red (74%)
- Yellow (83%)
- Blue (91%)



- Cyan (19%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (26%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.9320, -23.6560, -11.8160 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 217.9320, -23.6560, -11.8160 by changing the saturation by 10% instead.

■ 217.9320,
-23.6560, -11.8160

■ 217.9320,
-23.6560, -11.8160

■ 255.0000, -0.0000,
-0.0000

■ 190.2310,
-23.0600, -11.6040

■ 252.0100, -5.9600,
-2.1200

■ 162.6440,
-22.7850, -11.0810

■ 136.5300,
-22.4640, -11.3920

■ 110.9430,
-22.1890, -10.8690

■ 86.2420, -21.5930,
-10.6570

■ 62.3560, -21.9140,
-10.3460

■ 38.5730, -24.0230,

-10.6710

■ 21.1610, -16.8710,
-8.1270

■ 0.0000, 0.0000,
0.0000

■ 217.9320,
-23.6560, -11.8160

■ 217.9320,
-23.6560, -11.8160

■ 210.5990,
-36.0800, -17.9360

■ 225.2650,
-11.2320, -5.6960

■ 203.2660,
-48.5040, -24.0560

■ 232.5980, 1.1920,
0.4240

■ 195.5200,
-61.2030, -30.6990

■ 239.4470, 12.1030,
6.4310

■ 188.1870,
-73.6270, -36.8190

■ 239.9030, 10.8190,
7.6750

■ 180.8540,
-86.0510, -42.9390

■ 240.3590, 9.5350,
8.9190

■ 173.5210,
-98.4750, -49.0590

■ 240.8150, 8.2510,
10.1630

■ 166.0740,
-110.5780, -55.4900

■ 241.3850, 6.6460,
11.7180

■ 158.4420,
-123.5980, -61.8220

■ 241.4990, 6.3250,
12.0290

■ 157.8440,
-124.7900, -62.2460

Harmonies

Analogous

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



219.2230, -11.4140, -13.4140



217.9320, -23.6560, -11.8160



218.1580, -29.9840, -7.2640

Triad

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



217.9320, -23.6560, -11.8160



224.9970, -3.9450, 10.9270



224.5760, 24.6210, -0.1710

Complementary

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



217.9320, -23.6560, -11.8160



202.0680, 23.6560, 11.8160

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.



225.4610, 26.6830, 6.5150



217.9320, -23.6560, -11.8160



226.1790, 10.2220, 12.9900

Square

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



217.9320, -23.6560, -11.8160



222.8210, -18.2490, 5.8390



226.2850, 21.5470, 11.4910



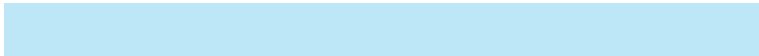
222.2820, 16.4610, -6.4750

Rectangle

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



217.9320, -23.6560, -11.8160



219.5650, -29.5720, -3.7160



226.2850, 21.5470, 11.4910



224.6410, 25.9960, 2.4440

Sweetspot

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



217.9320, -23.6560, -11.8160



250.1730, -7.9770, -4.1130



216.2200, -7.3320, -21.3160



125.0810, -4.7220, -2.5300



0.0000, 0.0000, 0.0000



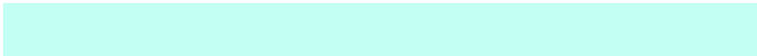
128.0000, -0.0000, -0.0000

Same Dimension

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



217.9320, -23.6560, -11.8160



236.1050, -31.6330, -15.9290



210.6260, -22.3740, -2.0060



111.1840, -6.5100, -3.1660



121.7170, -96.0910, -48.2110



34.7250, -27.5070, -13.6110

Inverse Universe

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



202.0680, 23.6560, 11.8160



214.8950, 31.6330, 15.9290



209.3740, 22.3740, 2.0060



106.8160, 6.5100, 3.1660



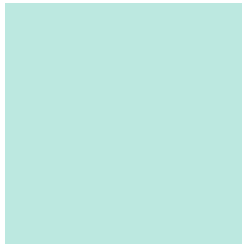
57.2830, 96.0910, 48.2110



16.2750, 27.5070, 13.6110

Previews

White Background



This preview shows how the YIQ color 217.9320, -23.6560, -11.8160 looks on a white background.

Color Contrast Check

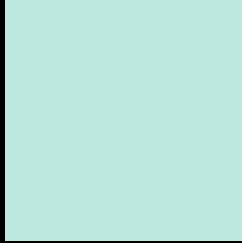
Large Text (above 18pt) WCAG AA × Fail

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 217.9320, -23.6560, -11.8160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

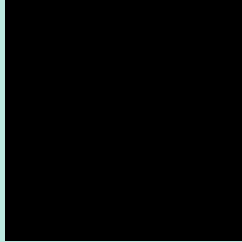
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

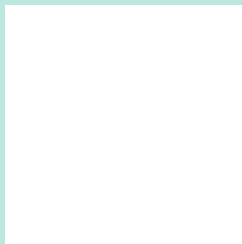
Any Text WCAG AAA ✓ Pass

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

YIQ 217.9320, -23.6560, -11.8160 Background



This preview shows how black text looks on a background with the YIQ color 217.9320, -23.6560, -11.8160.



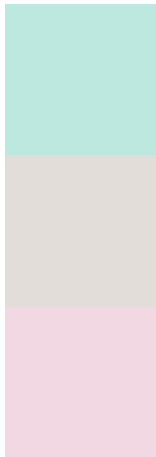
This preview shows how white text looks on a background with the YIQ color 217.9320, -23.6560, -11.8160.

-11.8160.

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

217.9320, -23.6560, -11.8160

Protanopia

222.4520, 4.5390, 0.3390

Deuteranopia

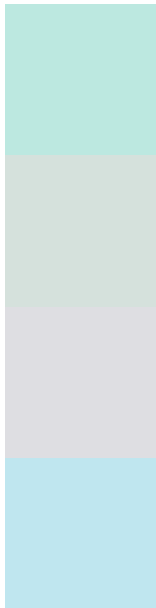
225.0280, 11.9650, 8.9330



Tritanopia

219.9890, -27.8300, -2.2460

Trichromacy



Original Color

217.9320, -23.6560, -11.8160

Protanomaly

220.8420, -5.5470, -4.0990

Deuteranomaly

222.4560, -1.2840, 1.2440

Tritanomaly

219.3650, -26.1330, -5.4690

Monochromacy



Original Color

217.9320, -23.6560, -11.8160

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.8740, -8.5730, -4.3250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.9320, -23.6560, -11.8160 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(188, 232, 224)` looks like.

```
.text, #text, p{  
    color:rgb(188, 232, 224)  
}
```

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(188, 232, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 232, 224) }
```

Border

The CSS property to change the border of an element to YIQ 217.9320, -23.6560, -11.8160 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(188, 232, 224) }
```


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

```
.border{ border-color:rgb(188, 232, 224) }
```

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

Here you see how a box with a 4 pixel rgb(188, 232, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 232, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 232, 224);  
box-shadow:4px 4px 4px 4px rgb(188, 232,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 217.9320, -23.6560, -11.8160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 232, 224) }
```

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

```
.background{ background-color: rgb(188,  
232, 224) }
```

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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