

Converting Colors

YIQ(213.1460, -21.6830,
-20.0430)

Have a look what the booklet for
YIQ(213.1460, -21.6830, -20.0430)
contains.

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Color

**YIQ(213.1460, -21.6830,
-20.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E8CB
RGB	180, 232, 203
RGB Percent	71%, 91%, 80%
CMY	0.2943, 0.0901, 0.2040
CMYK	0.22, 0.00, 0.13, 0.09
HSL	147°, 53%, 81%
HSV	147°, 22%, 91%
XYZ	58.4543, 71.7355, 67.2552
YIQ	213.1460, -21.6830, -20.0430

Conversions

Conversions Part 2

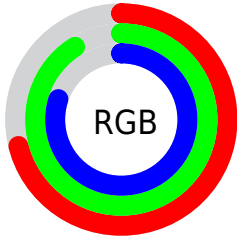
Format	Color
RYB	180, 216, 232
Decimal	11856075
CIELab	87.84, -22.39, 8.71
CIELCh	88, 24.022, 158.745
Yxy	71.7355, 0.2961, 0.3633
Android (android.graphics.Color)	4290046155 (0xFFB4E8CB)
YUV	213.1460, -5.0020, -29.0690
Hunter-Lab	84.6968, -25.0260, 12.2073

Details

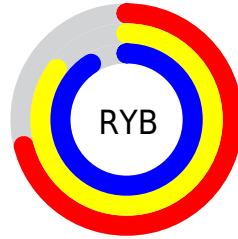
The YIQ color $213.1460, -21.6830, -20.0430$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $198.8540, 21.6830, 20.0430$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.3190, -11.3240, -4.0280$, and $157.9720, -21.1330, -18.9970$ is the 20% darker color. If you saturate the color by 10%, you get $204.7870, -31.2180, -28.9620$, and if you desaturate by 10%, it is $221.5050, -12.1480, -11.1240$.

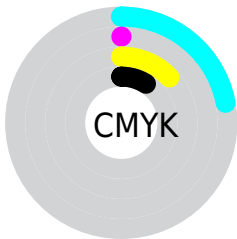
Distribution



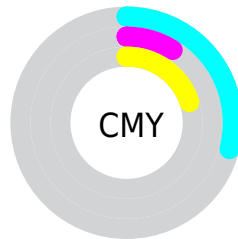
- Red (71%)
- Green (91%)
- Blue (80%)



- Red (71%)
- Yellow (85%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.1460, -21.6830, -20.0430 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 213.1460, -21.6830, -20.0430 by changing the saturation by 10% instead.

■ 213.1460,
-21.6830, -20.0430

■ 213.1460,
-21.6830, -20.0430

255.0000, -0.0000,
-0.0000

■ 185.5590,
-21.4080, -19.5200

■ 249.3190,
-11.3240, -4.0280

■ 157.9720,
-21.1330, -18.9970

■ 131.3850,
-20.8580, -18.4740

■ 105.7980,
-20.5830, -17.9510

■ 81.2110, -20.3080,
-17.4280

■ 57.1400, -21.5460,
-17.0180

■ 33.3570, -23.6550,

-17.3430

■ 18.8810, -10.4510,
-14.3470

■ 0.0000, 0.0000,
0.0000

■ 213.1460,
-21.6830, -20.0430

■ 213.1460,
-21.6830, -20.0430

■ 204.7870,
-31.2180, -28.9620

■ 221.5050,
-12.1480, -11.1240

■ 196.4280,
-40.7530, -37.8810

■ 229.8640, -2.6130,
-2.2050

■ 187.7700,
-50.8840, -47.0120

■ 238.5220, 7.5180,
6.9260

■ 179.4110,
-60.4190, -55.9310

■ 241.4990, 6.3250,
12.0290

■ 171.0520,
-69.9540, -64.8500

■ 162.6930,
-79.4890, -73.7690

■ 154.3340,
-89.0240, -82.6880

■ 147.9260,
-96.8630, -89.3030

Harmonies

Analogous

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



216.1070, 0.4160, -18.5600



213.1460, -21.6830, -20.0430



211.5600, -40.3440, -17.7520

Triad

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



213.1460, -21.6830, -20.0430



218.9070, -21.3670, 7.2810



219.7560, 33.1020, 5.8220

Complementary

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



213.1460, -21.6830, -20.0430



198.8540, 21.6830, 20.0430

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.



220.3890, 27.1860, 13.9220



213.1460, -21.6830, -20.0430



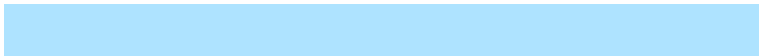
223.1810, -1.2870, 17.8250

Square

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



213.1460, -21.6830, -20.0430



214.3450, -40.5760, -2.5280



224.1850, 19.2530, 20.0290



220.6710, 34.4790, -2.6170

Rectangle

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



213.1460, -21.6830, -20.0430



211.1880, -47.8640, -13.6240



224.1850, 19.2530, 20.0290



219.2660, 31.7260, 8.7340

Sweetspot

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



213.1460, -21.6830, -20.0430



248.4780, -7.5180, -6.9260



219.1950, 2.9840, -21.0480



124.0270, -4.6300, -4.1980



0.0000, 0.0000, 0.0000



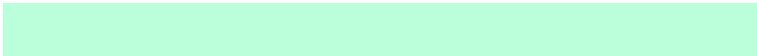
128.0000, -0.0000, -0.0000

Same Dimension

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



213.1460, -21.6830, -20.0430



230.0370, -28.9260, -26.4460



216.1100, -30.0290, -11.9570



110.6140, -4.9050, -4.7210



114.0790, -74.5840, -69.0480



32.5590, -21.4080, -19.5200

Inverse Universe

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



198.8540, 21.6830, 20.0430



211.0770, 28.6050, 26.7570



195.8900, 30.0290, 11.9570



107.3860, 4.9050, 4.7210



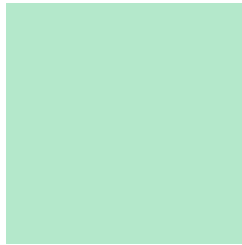
64.9210, 74.5840, 69.0480



18.4410, 21.4080, 19.5200

Previews

White Background



This preview shows how the YIQ color 213.1460, -21.6830, -20.0430 looks on a white background.

Color Contrast Check

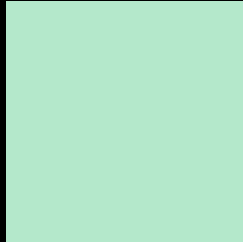
Large Text (above 18pt) WCAG AA × Fail

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 213.1460, -21.6830, -20.0430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

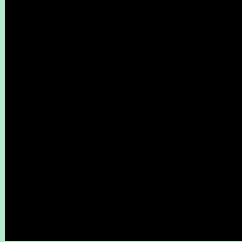
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

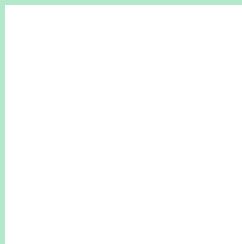
Any Text WCAG AAA ✓ Pass

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

YIQ 213.1460, -21.6830, -20.0430 Background



This preview shows how black text looks on a background with the YIQ color 213.1460, -21.6830, -20.0430.



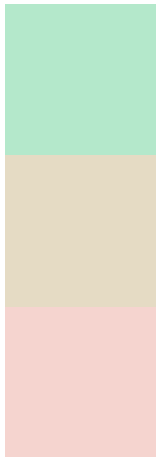
This preview shows how white text looks on a background with the YIQ color 213.1460, -21.6830, -20.0430.

-20.0430.

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

213.1460, -21.6830, -20.0430

Protanopia

219.3680, 13.3430, -5.0330

Deuteranopia

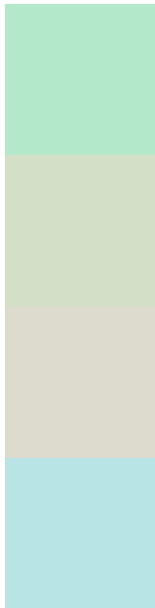
221.2970, 21.2730, 5.4410



Tritanopia

216.6900, -28.4260, -2.4580

Trichromacy



Original Color

213.1460, -21.6830, -20.0430

Protanomaly

217.2630, 0.2770, -10.5310

Deuteranomaly

218.1160, 5.3650, -3.6190

Tritanomaly

215.2570, -25.9490, -8.8050

Monochromacy



Original Color

213.1460, -21.6830, -20.0430

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.0650, -7.7930, -7.4490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.1460, -21.6830, -20.0430 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(180, 232, 203)` looks like.

```
.text, #text, p{  
    color:rgb(180, 232, 203)  
}
```

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(180, 232, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 232, 203) }
```

Border

The CSS property to change the border of an element to YIQ 213.1460, -21.6830, -20.0430 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(180, 232, 203) }
```


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

```
.border{ border-color:rgb(180, 232, 203) }
```

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

Here you see how a box with a 4 pixel rgb(180, 232, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 232, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 232, 203);  
box-shadow:4px 4px 4px 4px rgb(180, 232,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 213.1460, -21.6830, -20.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 232, 203) }
```

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

```
.background{ background-color: rgb(180,  
232, 203) }
```

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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