

Converting Colors

YIQ(211.6240, -20.0330,
-16.9050)

Have a look what the booklet for
YIQ(211.6240, -20.0330, -16.9050)
contains.

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Color

**YIQ(211.6240, -20.0330,
-16.9050)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E4CD
RGB	182, 228, 205
RGB Percent	71%, 89%, 80%
CMY	0.2864, 0.1058, 0.1961
CMYK	0.20, 0.00, 0.10, 0.11
HSL	150°, 46%, 80%
HSV	150°, 20%, 89%
XYZ	58.0502, 69.8457, 68.1696
YIQ	211.6240, -20.0330, -16.9050

Conversions

Conversions Part 2

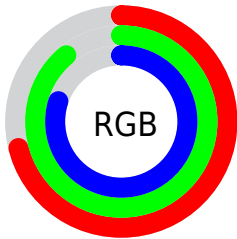
Format	Color
R_{YB}	182, 213, 228
Decimal	11986125
CIE _{Lab}	86.92, -19.40, 6.35
CIE _{LCh}	87, 20.419, 161.869
Yxy	69.8457, 0.2961, 0.3562
Android (android.graphics.Color)	4290176205 (0xFFB6E4CD)
YUV	211.6240, -3.2656, -25.9802
Hunter-Lab	83.5737, -22.2681, 10.1398

Details

The YIQ color **211.6240, -20.0330, -16.9050** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **198.3760, 20.0330, 16.9050**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **249.9170, -10.1320, -3.6040**, and **156.4500, -19.4830, -15.8590** is the 20% darker color. If you saturate the color by 10%, you get **203.4930, -30.2100, -25.2020**, and if you desaturate by 10%, it is **219.7550, -9.8560, -8.6080**.

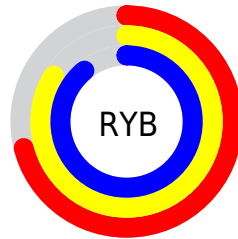
Distribution



Red (71%)

Green (89%)

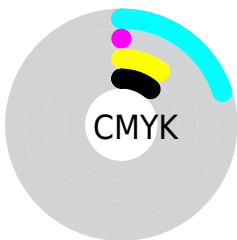
Blue (80%)



Red (71%)

Yellow (84%)

Blue (89%)

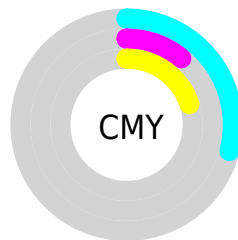


Cyan (20%)

Magenta (0%)

Yellow (10%)

Black (11%)



Cyan (29%)

Magenta (11%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.6240, -20.0330, -16.9050 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 211.6240, -20.0330, -16.9050 by changing the saturation by 10% instead.

■ 211.6240,
-20.0330, -16.9050

■ 211.6240,
-20.0330, -16.9050

255.0000, -0.0000,
-0.0000

■ 184.0370,
-19.7580, -16.3820

■ 249.9170,
-10.1320, -3.6040

■ 156.4500,
-19.4830, -15.8590

■ 130.7490,
-18.8870, -15.6470

■ 105.1620,
-18.6120, -15.1240

■ 80.5750, -18.3370,
-14.6010

■ 56.6890, -18.6580,
-14.2900

■ 33.3190, -20.4920,

-14.0920

■ 18.0490, -10.8640,
-12.3680

■ 0.0000, 0.0000,
0.0000

■ 211.6240,
-20.0330, -16.9050

■ 211.6240,
-20.0330, -16.9050

■ 203.4930,
-30.2100, -25.2020

■ 219.7550, -9.8560,
-8.6080

■ 195.2480,
-40.0660, -33.8100

■ 228.0000, 0.0000,
0.0000

■ 187.4160,
-49.6470, -41.8950

■ 235.8320, 9.5810,
8.0850

■ 179.1710,
-59.5030, -50.5030

■ 238.6950, 8.7090,
12.8770

■ 171.0400,
-69.6800, -58.8000

■ 239.1510, 7.4250,
14.1210

■ 162.9090,
-79.8570, -67.0970

■ 154.6640,
-89.7130, -75.7050

■ 146.8320,
-99.2940, -83.7900

Harmonies

Analogous

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



213.6170, -0.9600, -15.6480



211.6240, -20.0330, -16.9050



210.3050, -35.0720, -14.1760

Triad

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



211.6240, -20.0330, -16.9050



218.0430, -18.7540, 9.4860



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.



211.6240, -20.0330, -16.9050



198.3760, 20.0330, 16.9050

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.



219.9330, 28.4700, 12.6780



211.6240, -20.0330, -16.9050



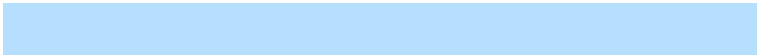
220.4970, 0.6390, 15.9590

Square

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



211.6240, -20.0330, -16.9050



214.2750, -34.3870, 0.9490



221.5930, 17.9240, 16.5800



218.0340, 29.0230, -2.8570

Rectangle

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



211.6240, -20.0330, -16.9050



210.4880, -39.8410, -10.3450



221.5930, 17.9240, 16.5800



219.7390, 31.7720, 7.9000

Sweetspot

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



211.6240, -20.0330, -16.9050



249.6030, -6.3720, -5.6680



216.1780, 1.6540, -18.9700



124.7390, -3.7590, -3.4630



0.0000, 0.0000, 0.0000



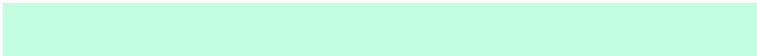
128.0000, -0.0000, -0.0000

Same Dimension

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



211.6240, -20.0330, -16.9050



233.2270, -26.4050, -22.5730



214.1320, -27.0950, -10.0630



110.7280, -5.2260, -4.4100



115.2190, -77.7940, -65.9380



32.7870, -22.0500, -18.8980

Inverse Universe

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



198.3760, 20.0330, 16.9050



215.6590, 26.7260, 22.2620



195.8680, 27.0950, 10.0630



107.2720, 5.2260, 4.4100



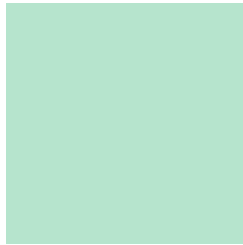
63.6670, 78.1150, 65.6270



18.2130, 22.0500, 18.8980

Previews

White Background



This preview shows how the YIQ color 211.6240, -20.0330, -16.9050 looks on a white background.

Color Contrast Check

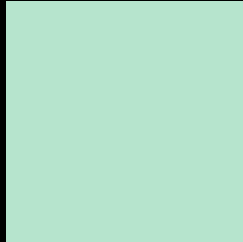
Large Text (above 18pt) WCAG AA × Fail

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 211.6240, -20.0330, -16.9050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

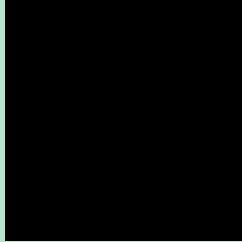
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

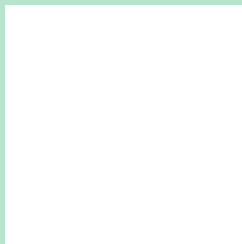
Any Text WCAG AAA ✓ Pass

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

YIQ 211.6240, -20.0330, -16.9050 Background



This preview shows how black text looks on a background with the YIQ color 211.6240, -20.0330, -16.9050.



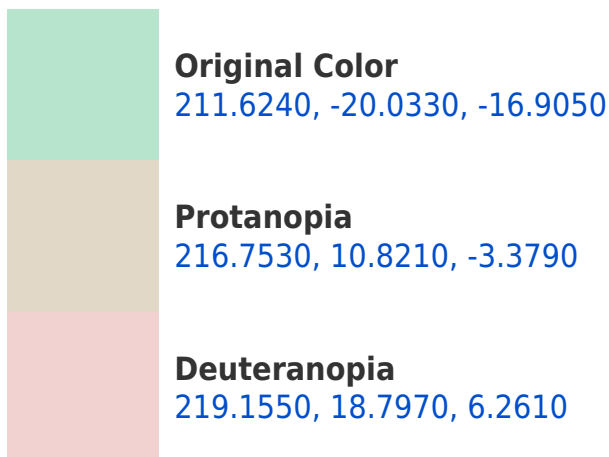
This preview shows how white text looks on a background with the YIQ color 211.6240, -20.0330, -16.9050.

-16.9050.

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

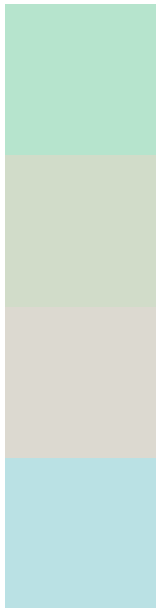




Tritanopia

214.8860, -26.0420, -1.6100

Trichromacy



Original Color

211.6240, -20.0330, -16.9050

Protanomaly

214.5450, -0.4570, -8.2410

Deuteranomaly

216.8710, 4.6770, -2.1630

Tritanomaly

213.6810, -24.2070, -7.3350

Monochromacy



Original Color

211.6240, -20.0330, -16.9050

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

211.8910, -7.2430, -6.4030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.6240, -20.0330, -16.9050 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(182, 228, 205)` looks like.

```
.text, #text, p{  
    color:rgb(182, 228, 205)  
}
```

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(182, 228, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 228, 205) }
```

Border

The CSS property to change the border of an element to YIQ 211.6240, -20.0330, -16.9050 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(182, 228, 205) }
```


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

```
.border{ border-color:rgb(182, 228, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 228, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 228, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 228, 205);  
box-shadow:4px 4px 4px 4px rgb(182, 228,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 211.6240, -20.0330, -16.9050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 228, 205) }
```

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

```
.background{ background-color: rgb(182,  
228, 205) }
```

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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