

Converting Colors

YIQ(214.6240, -20.0330,
-16.9050)

Have a look what the booklet for
YIQ(214.6240, -20.0330, -16.9050)
contains.

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Color

**YIQ(214.6240, -20.0330,
-16.9050)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E7D0
RGB	185, 231, 208
RGB Percent	73%, 91%, 82%
CMY	0.2746, 0.0940, 0.1844
CMYK	0.20, 0.00, 0.10, 0.09
HSL	150°, 49%, 82%
HSV	150°, 20%, 91%
XYZ	59.9645, 72.0263, 70.4064
YIQ	214.6240, -20.0330, -16.9050

Conversions

Conversions Part 2

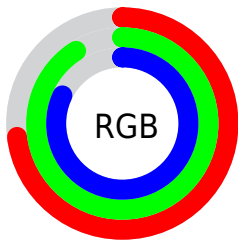
Format	Color
RYB	185, 216, 231
Decimal	12183504
CIELab	87.98, -19.36, 6.33
CIELCh	88, 20.370, 161.894
Yxy	72.0263, 0.2963, 0.3559
Android (android.graphics.Color)	4290373584 (0xFFB9E7D0)
YUV	214.6240, -3.2656, -25.9802
Hunter-Lab	84.8683, -22.3986, 10.2211

Details

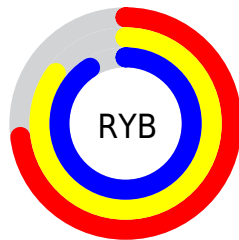
The YIQ color **214.6240, -20.0330, -16.9050** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **201.3760, 20.0330, 16.9050**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **251.1130, -7.7480, -2.7560**, and **159.4500, -19.4830, -15.8590** is the 20% darker color. If you saturate the color by 10%, you get **206.3790, -29.8890, -25.5130**, and if you desaturate by 10%, it is **222.8690, -10.1770, -8.2970**.

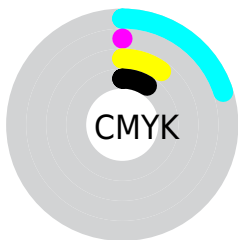
Distribution



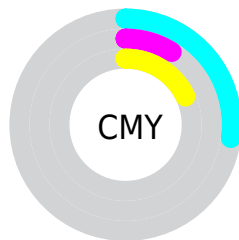
- Red (73%)
- Green (91%)
- Blue (82%)



- Red (73%)
- Yellow (85%)
- Blue (91%)



- Cyan (20%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)



- Cyan (27%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.6240, -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 214.6240, -20.0330, -16.9050 by changing the saturation by 10% instead.

■ 214.6240,
-20.0330, -16.9050

■ 214.6240,
-20.0330, -16.9050

255.0000, -0.0000,
-0.0000

■ 186.9230,
-19.4370, -16.6930

■ 251.1130, -7.7480,
-2.7560

■ 159.4500,
-19.4830, -15.8590

■ 133.4500,
-19.4830, -15.8590

■ 107.8630,
-19.2080, -15.3360

■ 83.2760, -18.9330,
-14.8130

■ 59.6890, -18.6580,
-14.2900

■ 35.9060, -20.7670,

-14.6150

■ 19.0920, -12.4230,
-11.6470

■ 0.0000, 0.0000,
0.0000

■ 214.6240,
-20.0330, -16.9050

■ 214.6240,
-20.0330, -16.9050

■ 206.3790,
-29.8890, -25.5130

■ 222.8690,
-10.1770, -8.2970

■ 198.2480,
-40.0660, -33.8100

■ 231.0000, -0.0000,
-0.0000

■ 190.0030,
-49.9220, -42.4180

■ 239.2450, 9.8560,
8.6080

■ 181.8720,
-60.0990, -50.7150

■ 240.7980, 6.9210,
12.2410

■ 173.3280,
-70.5510, -59.5350

■ 240.9120, 6.6000,
12.5520

■ 165.1970,
-80.7280, -67.8320

■ 156.9520,
-90.5840, -76.4400

■ 148.8210,
-100.7610, -84.7370

■ 148.7070,
-100.4400, -85.0480

Harmonies

Analogous

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



216.6170, -0.9600, -15.6480



214.6240, -20.0330, -16.9050



213.3050, -35.0720, -14.1760

Triad

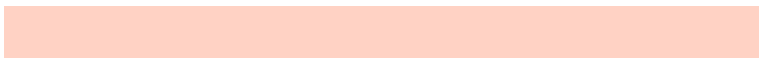
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



214.6240, -20.0330, -16.9050



220.7010, -17.7910, 8.5530



221.8590, 31.3140, 5.1860

Complementary

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



214.6240, -20.0330, -16.9050



201.3760, 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.



222.0360, 26.6820, 12.0420



214.6240, -20.0330, -16.9050



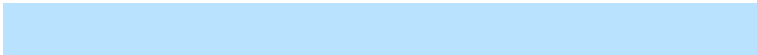
223.4970, 0.6390, 15.9590

Square

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



214.6240, -20.0330, -16.9050



217.0470, -33.7450, 0.3270



224.0060, 18.1990, 17.1030



221.0340, 29.0230, -2.8570

Rectangle

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



214.6240, -20.0330, -16.9050



213.4880, -39.8410, -10.3450



224.0060, 18.1990, 17.1030



221.8420, 29.9840, 7.2640

Sweetspot

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



214.6240, -20.0330, -16.9050



249.6030, -6.3720, -5.6680



219.1780, 1.6540, -18.9700



124.7390, -3.7590, -3.4630



0.0000, 0.0000, 0.0000



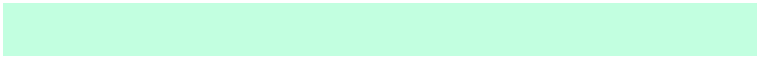
128.0000, -0.0000, -0.0000

Same Dimension

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



214.6240, -20.0330, -16.9050



233.2270, -26.4050, -22.5730



217.1320, -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.



201.3760, 20.0330, 16.9050



215.6590, 26.7260, 22.2620



198.8680, 27.0950, 10.0630



107.2720, 5.2260, 4.4100



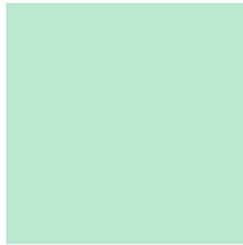
63.6670, 78.1150, 65.6270



18.2130, 22.0500, 18.8980

Previews

White Background



This preview shows how the YIQ color 214.6240, -20.0330, -16.9050 looks on a white background.

Color Contrast Check

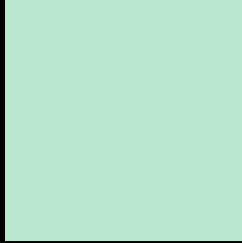
Large Text (above 18pt) WCAG AA × Fail

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 214.6240, -20.0330, -16.9050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

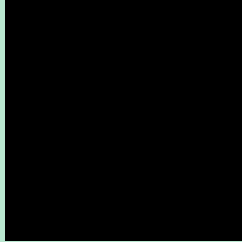
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

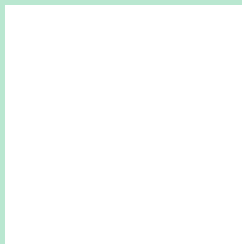
Any Text WCAG AAA ✓ Pass

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

YIQ 214.6240, -20.0330, -16.9050 Background



This preview shows how black text looks on a background with the YIQ color 214.6240, -20.0330, -16.9050.



This preview shows how white text looks on a background with the YIQ color 214.6240, -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



Original Color

214.6240, -20.0330, -16.9050

Protanopia

219.7530, 10.8210, -3.3790

Deuteranopia

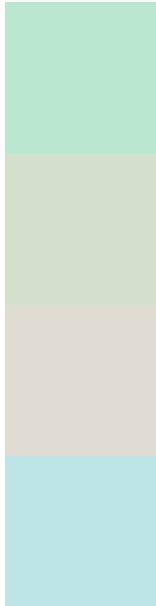
222.1550, 18.7970, 6.2610



Tritanopia

217.8860, -26.0420, -1.6100

Trichromacy



Original Color

214.6240, -20.0330, -16.9050

Protanomaly

217.5450, -0.4570, -8.2410

Deuteranomaly

219.8710, 4.6770, -2.1630

Tritanomaly

216.6810, -24.2070, -7.3350

Monochromacy



Original Color

214.6240, -20.0330, -16.9050

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

214.8910, -7.2430, -6.4030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.6240, -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(185, 231, 208)` looks like.

```
.text, #text, p{  
    color:rgb(185, 231, 208)  
}
```

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, 231, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 231, 208) }
```

Border

The CSS property to change the border of an element to YIQ 214.6240, -20.0330, -16.9050 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

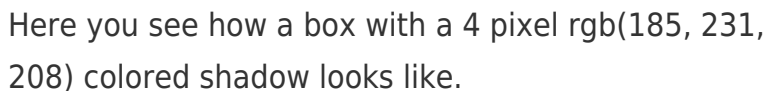
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 231, 208) }
```


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

```
.border{ border-color:rgb(185, 231, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 231, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 231, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 231, 208);  
box-shadow:4px 4px 4px 4px rgb(185, 231,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 214.6240, -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(185, 231, 208) }
```

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

```
.background{ background-color: rgb(185,  
231, 208) }
```

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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