

Converting Colors

YIQ(213.4920, -2.1060,
-16.9060)

Have a look what the booklet for
YIQ(213.4920, -2.1060, -16.9060)
contains.

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Color

**YIQ(213.4920, -2.1060,
-16.9060)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E1BB
RGB	201, 225, 187
RGB Percent	79%, 88%, 73%
CMY	0.2118, 0.1176, 0.2666
CMYK	0.11, 0.00, 0.17, 0.12
HSL	98°, 39%, 81%
HSV	98°, 17%, 88%
XYZ	59.9800, 69.8586, 57.3395
YIQ	213.4920, -2.1060, -16.9060

Conversions

Conversions Part 2

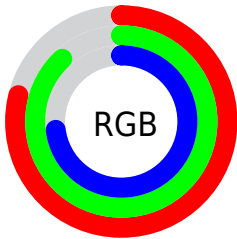
Format	Color
RYB	187, 225, 211
Decimal	13230523
CIELab	86.93, -14.78, 15.95
CIELCh	87, 21.749, 132.819
Yxy	69.8586, 0.3204, 0.3732
Android (android.graphics.Color)	4291420603 (0xFFC9E1BB)
YUV	213.4920, -13.0606, -10.9555
Hunter-Lab	83.5814, -18.1718, 17.8322

Details

The YIQ color $213.4920, -2.1060, -16.9060$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $198.5080, 2.1060, 16.9060$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.6320, 3.8520, -3.7320$, and $159.0190, -2.1520, -16.0720$ is the 20% darker color. If you saturate the color by 10%, you get $206.7980, -3.3880, -26.7160$, and if you desaturate by 10%, it is $220.3000, -1.1450, -6.7850$.

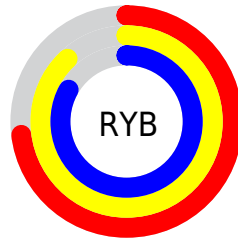
Distribution



Red (79%)

Green (88%)

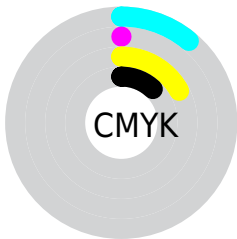
Blue (73%)



Red (73%)

Yellow (88%)

Blue (83%)

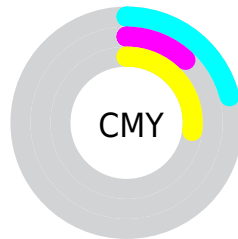


Cyan (11%)

Magenta (0%)

Yellow (17%)

Black (12%)



Cyan (21%)


Magenta (12%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.4920, -2.1060, -16.9060 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 213.4920, -2.1060, -16.9060 by changing the saturation by 10% instead.

 213.4920, -2.1060,
-16.9060

 213.4920, -2.1060,
-16.9060

255.0000, -0.0000,
-0.0000


 185.6060, -2.4270,
-16.5950


 253.6320, 3.8520,
-3.7320

 159.0190, -2.1520,
-16.0720

 132.4320, -1.8770,
-15.5490

 107.5460, -2.1980,
-15.2380

 83.0730, -2.2440,
-14.4040

 59.6000, -2.2900,
-13.5700

 37.7140, -2.6110,

-13.2590

■ 15.8490, -7.4250,
-14.1210

■ 0.0000, 0.0000,
0.0000

■ 213.4920, -2.1060,
-16.9060

■ 213.4920, -2.1060,
-16.9060

■ 206.7980, -3.3880,
-26.7160

■ 220.3000, -1.1450,
-6.7850

■ 199.9900, -4.3490,
-36.8370

■ 226.9940, 0.1370,
3.0250

■ 192.9970, -6.2270,
-46.8590

■ 234.1010, 1.6940,
13.3580

■ 186.1890, -7.1880,
-56.9800

■ 237.3900, 8.2500,
15.6900

■ 179.3810, -8.1490,
-67.1010

■ 172.6870, -9.4310,
-76.9110

■ 165.5800,
-10.9880, -87.2440

■ 158.8860,
-12.2700, -97.0540

■ 156.8920,
-12.4070, -100.0790

Harmonies

Analogous

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



216.0060, 17.0580, -11.7900



213.4920, -2.1060, -16.9060



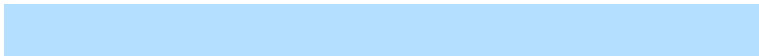
211.3140, -22.0960, -18.0640

Triad

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



213.4920, -2.1060, -16.9060



213.7910, -35.9000, 0.8360



219.2320, 29.0660, 12.8900

Complementary

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



213.4920, -2.1060, -16.9060



198.5080, 2.1060, 16.9060

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.



221.9030, 19.9870, 17.7390



213.4920, -2.1060, -16.9060



217.4560, -18.4790, 10.0090

Square

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



213.4920, -2.1060, -16.9060



210.8020, -43.6010, -8.2810



220.9100, 0.9140, 16.4820



218.9410, 34.0190, 5.7230

Rectangle

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



213.4920, -2.1060, -16.9060



210.2080, -33.4210, -16.5650



220.9100, 0.9140, 16.4820



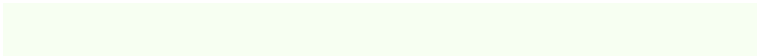
220.0300, 26.8190, 15.0670

Sweetspot

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



213.4920, -2.1060, -16.9060



251.1260, -0.5950, -5.7390



211.8630, 16.3230, -3.9730



125.5930, -0.4120, -3.5480



0.0000, 0.0000, 0.0000



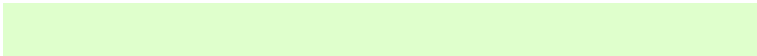
128.0000, -0.0000, -0.0000

Same Dimension

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



213.4920, -2.1060, -16.9060



239.6180, -2.7010, -22.6450



209.7620, -11.7340, -18.6300



108.6530, -0.6410, -4.9050



122.7470, -9.6600, -78.2680



33.5580, -2.4720, -21.2880

Inverse Universe

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



198.5080, 2.1060, 16.9060



219.3820, 2.7010, 22.6450



202.2380, 11.7340, 18.6300



104.3470, 0.6410, 4.9050



53.2530, 9.6600, 78.2680



14.7410, 3.0680, 21.5000

Previews

White Background



This preview shows how the YIQ color 213.4920, -2.1060, -16.9060 looks on a white background.

Color Contrast Check

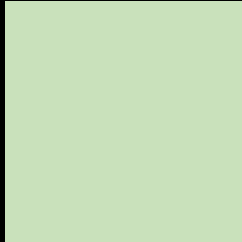
Large Text (above 18pt) WCAG AA × Fail

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 213.4920, -2.1060, -16.9060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

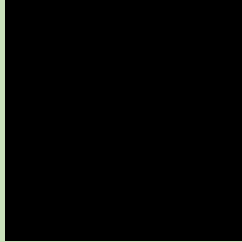
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

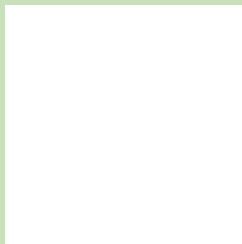
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 213.4920, -2.1060, -16.9060

Background



This preview shows how black text looks on a background with the YIQ color 213.4920, -2.1060, -16.9060.



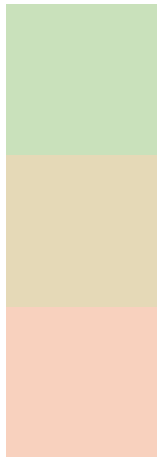
This preview shows how white text looks on a background with the YIQ color 213.4920, -2.1060,

-16.9060.

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

213.4920, -2.1060, -16.9060

Protanopia

216.7120, 18.0660, -8.0300

Deuteranopia

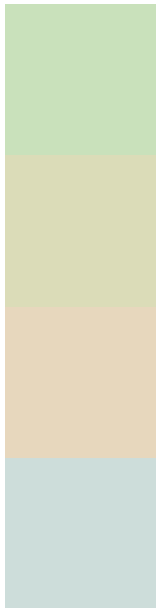
218.4950, 29.3430, 2.3590



Tritanopia

217.0620, -11.7380, 3.4780

Trichromacy



Original Color

213.4920, -2.1060, -16.9060

Protanomaly

215.5970, 10.9600, -11.4080

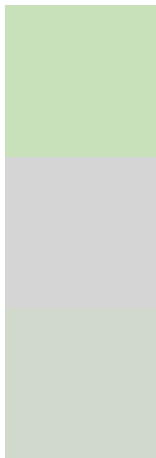
Deuteranomaly

216.8200, 17.8820, -4.6940

Tritanomaly

215.8740, -8.5730, -4.3250

Monochromacy



Original Color

213.4920, -2.1060, -16.9060

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.1260, -0.5950, -5.7390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.4920, -2.1060, -16.9060 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(201, 225, 187)` looks like.

```
.text, #text, p{  
    color:rgb(201, 225, 187)  
}
```

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(201, 225, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 225, 187) }
```

Border

The CSS property to change the border of an element to YIQ 213.4920, -2.1060, -16.9060 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(201, 225, 187) }
```


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

```
.border{ border-color:rgb(201, 225, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 225, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 225, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 225, 187);  
box-shadow:4px 4px 4px 4px rgb(201, 225,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 213.4920, -2.1060, -16.9060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 225, 187) }
```

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

```
.background{ background-color: rgb(201,  
225, 187) }
```

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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