

Converting Colors

YIQ(203.3190, -20.4920,
-14.0920)

Have a look what the booklet for
YIQ(203.3190, -20.4920, -14.0920)
contains.

| | |
|--|----|
| YIQ(203.3190, -20.4920, -14.0920) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YIQ(203.3190, -20.4920,
-14.0920)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | AFDACA |
| RGB | 175, 218, 202 |
| RGB Percent | 69%, 85%, 79% |
| CMY | 0.3138, 0.1450, 0.2079 |
| CMYK | 0.20, 0.00, 0.07, 0.15 |
| HSL | 158°, 37%, 77% |
| HSV | 158°, 20%, 85% |
| XYZ | 53.4074, 63.5262, 65.3131 |
| YIQ | 203.3190, -20.4920, -14.0920 |

Conversions

Conversions Part 2

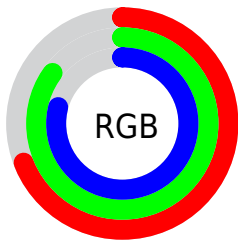
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 175, 201, 218 |
| Decimal | 11524810 |
| CIE Lab | 83.72, -17.23, 3.26 |
| CIE LCh | 84, 17.531, 169.295 |
| Yxy | 63.5262, 0.2931, 0.3486 |
| Android (android.graphics.Color) | 4289714890 (0xFFAFDACA) |
| YUV | 203.3190, -0.6503, -24.8358 |
| Hunter-Lab | 79.7034, -19.8720, 7.2070 |

Details

The YIQ color $203.3190, -20.4920, -14.0920$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $189.6810, 20.4920, 14.0920$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $247.8240, -14.3040, -5.0880$, and $149.0310, -19.6210, -13.3570$ is the 20% darker color. If you saturate the color by 10%, you get $195.8290, -31.0360, -21.2440$, and if you desaturate by 10%, it is $210.8090, -9.9480, -6.9400$.

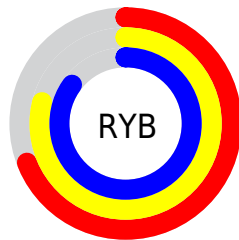
Distribution



Red (69%)

Green (85%)

Blue (79%)



Red (69%)

Yellow (79%)

Blue (85%)

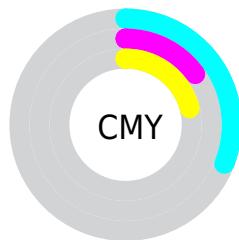


Cyan (20%)

Magenta (0%)

Yellow (7%)

Black (15%)



Cyan (31%)

Magenta (15%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.3190, -20.4920, -14.0920 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 203.3190, -20.4920, -14.0920 by changing the saturation by 10% instead.

■ 203.3190,
-20.4920, -14.0920

■ 203.3190,
-20.4920, -14.0920

255.0000, -0.0000,
-0.0000

■ 175.7320,
-20.2170, -13.5690

■ 247.8240,
-14.3040, -5.0880

■ 149.0310,
-19.6210, -13.3570

■ 123.0310,
-19.6210, -13.3570

■ 97.7430, -18.7500,
-12.6220

■ 73.8570, -19.0710,
-12.3110

■ 49.9710, -19.3920,
-12.0000

■ 27.7860, -20.3090,

-11.9010

■ 13.4840, -7.6550,
-9.9510

■ 0.0000, 0.0000,
0.0000

■ 203.3190,
-20.4920, -14.0920

■ 203.3190,
-20.4920, -14.0920

■ 195.8290,
-31.0360, -21.2440

■ 210.8090, -9.9480,
-6.9400

■ 188.3390,
-41.5800, -28.3960

■ 218.2990, 0.5960,
0.2120

■ 181.1480,
-51.5280, -35.3360

■ 225.4900, 10.5440,
7.1520

■ 173.5440,
-61.7510, -42.7990

■ 230.8870, 16.9160,
12.8200

■ 166.0540,
-72.2950, -49.9510

■ 231.9130, 14.0270,
15.6190

■ 158.5640,
-82.8390, -57.1030

■ 232.8250, 11.4590,
18.1070

■ 151.0740,
-93.3830, -64.2550

■ 233.2810, 10.1750,
19.3510

■ 143.8830,
-103.3310, -71.1950

■ 143.5840,
-103.9270, -71.4070

Harmonies

Analogous

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



204.6320, -5.3160, -13.7960



203.3190, -20.4920, -14.0920



202.5660, -31.3130, -10.7130

Triad

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



203.3190, -20.4920, -14.0920



209.2780, -12.1060, 10.1500



210.7230, 28.7010, 2.9810

Complementary

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



203.3190, -20.4920, -14.0920



189.6810, 20.4920, 14.0920

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.



211.7540, 27.4160, 9.7520



203.3190, -20.4920, -14.0920



211.1830, 4.3990, 13.8950

Square

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



203.3190, -20.4920, -14.0920



206.9340, -25.9970, 3.0830



212.1970, 18.9790, 13.9790



209.2720, 22.4210, -4.3550

Rectangle

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



203.3190, -20.4920, -14.0920



203.4180, -33.6520, -6.8680



212.1970, 18.9790, 13.9790



210.6030, 29.1590, 5.6950

Sweetspot

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



203.3190, -20.4920, -14.0920



249.8310, -7.0140, -5.0460



205.0250, -2.2890, -19.0970



124.8530, -4.0800, -3.1520



0.0000, 0.0000, 0.0000



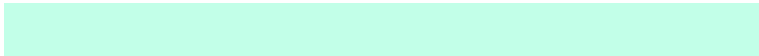
128.0000, -0.0000, -0.0000

Same Dimension

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



203.3190, -20.4920, -14.0920



234.1390, -28.9730, -20.0850



202.2080, -24.2530, -6.5010



106.2550, -5.2720, -3.5760



113.9770, -82.5640, -56.5800



30.3080, -21.9590, -15.0390

Inverse Universe

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



189.6810, 20.4920, 14.0920



214.8610, 28.9730, 20.0850



190.7920, 24.2530, 6.5010



102.7450, 5.2720, 3.5760



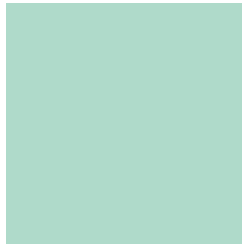
59.1370, 82.2430, 56.8910



15.6920, 21.9590, 15.0390

Previews

White Background



This preview shows how the YIQ color 203.3190, -20.4920, -14.0920 looks on a white background.

Color Contrast Check

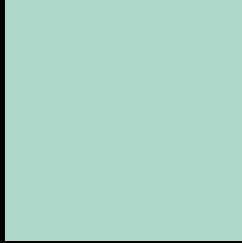
Large Text (above 18pt) WCAG AA × Fail

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 203.3190, -20.4920, -14.0920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

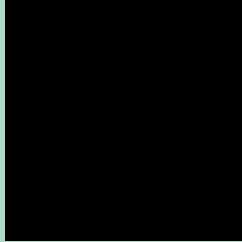
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

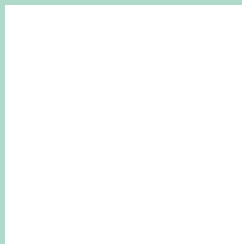
Any Text WCAG AAA ✓ Pass

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

YIQ 203.3190, -20.4920, -14.0920 Background



This preview shows how black text looks on a background with the YIQ color 203.3190, -20.4920, -14.0920.



This preview shows how white text looks on a background with the YIQ color 203.3190, -20.4920, -14.0920.

-14.0920.

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

203.3190, -20.4920, -14.0920

Protanopia

208.1380, 8.2990, -1.7250

Deuteranopia

209.8280, 15.4040, 7.1800



Tritanopia

205.7720, -25.7210, -1.9210

Trichromacy



Original Color

203.3190, -20.4920, -14.0920

Protanomaly

206.2290, -2.3830, -6.3750

Deuteranomaly

207.2560, 2.1550, -0.5090

Tritanomaly

204.5070, -23.6570, -6.2890

Monochromacy



Original Color

203.3190, -20.4920, -14.0920

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

202.9450, -7.3350, -4.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.3190, -20.4920, -14.0920 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(175, 218, 202)` looks like.

```
.text, #text, p{  
    color:rgb(175, 218, 202)  
}
```

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(175, 218, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 218, 202) }
```

Border

The CSS property to change the border of an element to YIQ 203.3190, -20.4920, -14.0920 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(175, 218, 202) }
```


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

```
.border{ border-color:rgb(175, 218, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 218, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 218, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 218, 202);  
box-shadow:4px 4px 4px 4px rgb(175, 218,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 203.3190, -20.4920, -14.0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 218, 202) }
```

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

```
.background{ background-color: rgb(175,  
218, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor