

Converting Colors

YIQ(203.0170, -17.0060,
-22.2060)

Have a look what the booklet for
YIQ(203.0170, -17.0060, -22.2060)
contains.

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Color

**YIQ(203.0170, -17.0060,
-22.2060)**

Conversions

Conversions Part 1

Format	Color
Hex	ADDEB8
RGB	173, 222, 184
RGB Percent	68%, 87%, 72%
CMY	0.3217, 0.1293, 0.2785
CMYK	0.22, 0.00, 0.17, 0.13
HSL	133°, 43%, 77%
HSV	133°, 22%, 87%
XYZ	52.0031, 64.5939, 55.0691
YIQ	203.0170, -17.0060, -22.2060

Conversions

Conversions Part 2

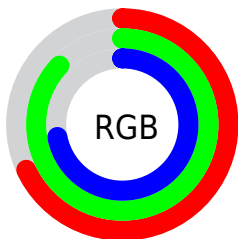
Format	Color
RYB	173, 213, 222
Decimal	11394744
CIELab	84.27, -23.27, 13.54
CIElCh	84, 26.921, 149.808
Yxy	64.5939, 0.3029, 0.3763
Android (android.graphics.Color)	4289584824 (0xFFADDEB8)
YUV	203.0170, -9.3754, -26.3249
Hunter-Lab	80.3703, -25.1508, 15.6342

Details

The YIQ color **203.0170, -17.0060, -22.2060** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **191.9830, 17.0060, 22.2060**, and the grayscale version is **203.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **245.5160, -10.6810, -10.1770**, and **148.8430, -16.4560, -21.1600** is the 20% darker color. If you saturate the color by 10%, you get **194.5010, -24.6610, -32.1570**, and if you desaturate by 10%, it is **211.5330, -9.3510, -12.2550**.

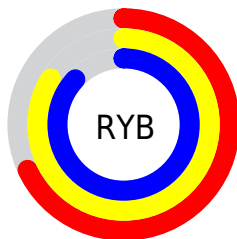
Distribution



Red (68%)

Green (87%)

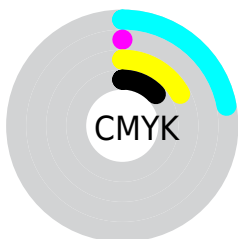
Blue (72%)



Red (68%)

Yellow (84%)

Blue (87%)

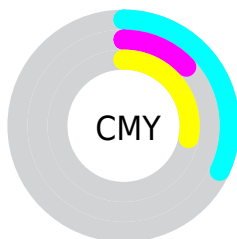


Cyan (22%)

Magenta (0%)

Yellow (17%)

Black (13%)



Cyan (32%)

Magenta (13%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.0170, -17.0060, -22.2060 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 203.0170, -17.0060, -22.2060 by changing the saturation by 10% instead.

■ 203.0170,
-17.0060, -22.2060

■ 203.0170,
-17.0060, -22.2060

255.0000, -0.0000,
-0.0000

■ 175.4300,
-16.7310, -21.6830

■ 245.5160,
-10.6810, -10.1770

■ 148.8430,
-16.4560, -21.1600

■ 122.3700,
-16.5020, -20.3260

■ 96.7830, -16.2270,
-19.8030

■ 72.8970, -16.5480,
-19.4920

■ 49.1250, -17.1900,
-18.8700

■ 27.0650, -16.9610,

-17.5130

■ 14.0880, -6.6000,
-12.5520

■ 0.0000, 0.0000,
0.0000

■ 203.0170,
-17.0060, -22.2060

■ 203.0170,
-17.0060, -22.2060

■ 194.5010,
-24.6610, -32.1570

■ 211.5330, -9.3510,
-12.2550

■ 185.9850,
-32.3160, -42.1080

■ 220.0490, -1.6960,
-2.3040

■ 177.0560,
-40.2460, -52.5820

■ 228.9780, 6.2340,
8.1700

■ 168.5400,
-47.9010, -62.5330

■ 235.4010, 9.7170,
16.6370

■ 160.0240,
-55.5560, -72.4840

■ 235.6290, 9.0750,
17.2590

■ 151.5080,
-63.2110, -82.4350

■ 142.9920,
-70.8660, -92.3860

■ 136.0140,
-77.1000, -100.5560

Harmonies

Analogous

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



206.1140, 7.7060, -18.5180



203.0170, -17.0060, -22.2060



200.1530, -40.7560, -21.3000

Triad

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



203.0170, -17.0060, -22.2060



207.9210, -33.1500, 6.0660



211.3270, 38.9240, 10.4440

Complementary

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



203.0170, -17.0060, -22.2060



191.9830, 17.0060, 22.2060

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.



213.0030, 31.4490, 19.2650



203.0170, -17.0060, -22.2060



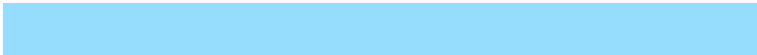
212.6900, -10.0900, 17.6700

Square

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



203.0170, -17.0060, -22.2060



202.8320, -52.3130, -4.5770



214.6130, 15.1720, 22.4040



211.4870, 40.9890, 0.5490

Rectangle

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



203.0170, -17.0060, -22.2060



199.4000, -51.5770, -17.9210



214.6130, 15.1720, 22.4040



211.6520, 36.6310, 13.4550

Sweetspot

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



203.0170, -17.0060, -22.2060



248.0220, -6.2340, -8.1700



213.1250, 9.1730, -17.5710



123.7990, -3.9880, -4.8200



0.0000, 0.0000, 0.0000



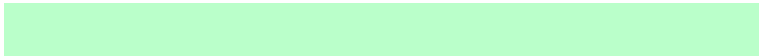
128.0000, -0.0000, -0.0000

Same Dimension

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



203.0170, -17.0060, -22.2060



228.3270, -24.1110, -31.1110



205.7530, -24.7100, -14.7420



107.7990, -3.9880, -4.8200



107.8720, -61.2400, -79.6080



29.4300, -16.7310, -21.6830

Inverse Universe

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



191.9830, 17.0060, 22.2060



212.7870, 23.7900, 31.4220



189.2470, 24.7100, 14.7420



105.3150, 3.6670, 5.1310



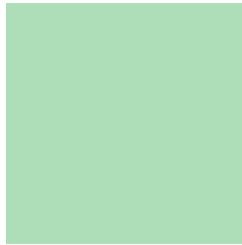
68.1280, 61.2400, 79.6080



18.6840, 16.4100, 21.9940

Previews

White Background



This preview shows how the YIQ color 203.0170, -17.0060, -22.2060 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 203.0170, -17.0060, -22.2060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

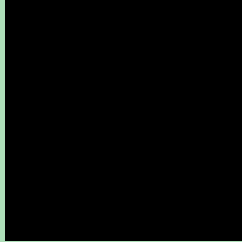
Any Text WCAG AA ✓ Pass

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 203.0170, -17.0060, -22.2060 Background



This preview shows how black text looks on a background with the YIQ color 203.0170, -17.0060, -22.2060.



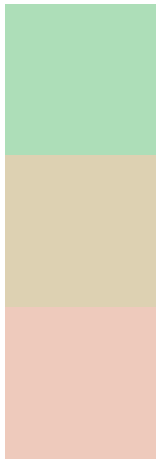
This preview shows how white text looks on a background with the YIQ color 203.0170, -17.0060, -22.2060.

-22.2060.

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
203.0170, -17.0060, -22.2060
Protanopia
209.0540, 17.1030, -7.0970
Deuteranopia
211.1680, 25.9500, 3.2780



Tritanopia

207.0710, -25.1250, -1.7090

Trichromacy



Original Color

203.0170, -17.0060, -22.2060

Protanomaly

207.1340, 4.9540, -12.6940

Deuteranomaly

207.9870, 10.0420, -5.7820

Tritanomaly

205.9970, -22.2810, -9.2010

Monochromacy



Original Color

203.0170, -17.0060, -22.2060

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

203.0220, -6.2340, -8.1700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.0170, -17.0060, -22.2060 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(173, 222, 184)` looks like.

```
.text, #text, p{  
    color:rgb(173, 222, 184)  
}
```

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(173, 222, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 222, 184) }
```

Border

The CSS property to change the border of an element to YIQ 203.0170, -17.0060, -22.2060 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(173, 222, 184) }
```


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

```
.border{ border-color:rgb(173, 222, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 222, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 222, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 222, 184);  
box-shadow:4px 4px 4px 4px rgb(173, 222,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 203.0170, -17.0060, -22.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 222, 184) }
```

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

```
.background{ background-color: rgb(173,  
222, 184) }
```

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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