

Converting Colors

YIQ(200.3250, -20.6290,
-17.1170)

Have a look what the booklet for
YIQ(200.3250, -20.6290, -17.1170)
contains.

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Color

**YIQ(200.3250, -20.6290,
-17.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	AAD9C2
RGB	170, 217, 194
RGB Percent	67%, 85%, 76%
CMY	0.3335, 0.1489, 0.2393
CMYK	0.22, 0.00, 0.11, 0.15
HSL	151°, 38%, 76%
HSV	151°, 22%, 85%
XYZ	51.1243, 62.0726, 60.3160
YIQ	200.3250, -20.6290, -17.1170

Conversions

Conversions Part 2

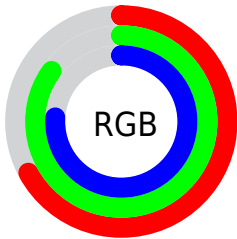
Format	Color
RYB	170, 201, 217
Decimal	11196866
CIELab	82.95, -19.89, 6.35
CIELCh	83, 20.877, 162.289
Yxy	62.0726, 0.2946, 0.3577
Android (android.graphics.Color)	4289386946 (0xFFAAD9C2)
YUV	200.3250, -3.1182, -26.5950
Hunter-Lab	78.7862, -22.0473, 9.7599

Details

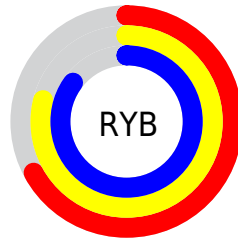
The YIQ color $200.3250, -20.6290, -17.1170$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $186.6750, 20.6290, 17.1170$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $245.7590, -15.6790, -7.7030$, and $146.0370, -19.7580, -16.3820$ is the 20% darker color. If you saturate the color by 10%, you get $192.4930, -30.2100, -25.2020$, and if you desaturate by 10%, it is $208.1570, -11.0480, -9.0320$.

Distribution



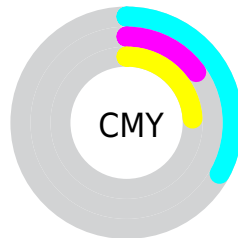
- Red (67%)
- Green (85%)
- Blue (76%)



- Red (67%)
- Yellow (79%)
- Blue (85%)



- Cyan (22%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)



- Cyan (33%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.3250, -20.6290, -17.1170 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 200.3250, -20.6290, -17.1170 by changing the saturation by 10% instead.

■ 200.3250,
-20.6290, -17.1170

■ 200.3250,
-20.6290, -17.1170

255.0000, -0.0000,
-0.0000

■ 172.7380,
-20.3540, -16.5940

■ 245.7590,
-15.6790, -7.7030

■ 146.0370,
-19.7580, -16.3820

■ 120.4500,
-19.4830, -15.8590

■ 94.8630, -19.2080,
-15.3360

■ 70.9770, -19.5290,
-15.0250

■ 47.2050, -20.1710,
-14.4030

■ 26.2160, -18.7040,

-13.4560

■ 10.5660, -4.9500,
-9.4140

■ 0.0000, 0.0000,
0.0000

■ 200.3250,
-20.6290, -17.1170

■ 200.3250,
-20.6290, -17.1170

■ 192.4930,
-30.2100, -25.2020

■ 208.1570,
-11.0480, -9.0320

■ 185.0740,
-39.5160, -32.7640

■ 215.5760, -1.7420,
-1.4700

■ 177.2420,
-49.0970, -40.8490

■ 223.4080, 7.8390,
6.6150

■ 169.4100,
-58.6780, -48.9340

■ 230.5280, 16.5490,
13.9650

■ 161.6920,
-68.5800, -56.7080

■ 231.7820, 13.0180,
17.3860

■ 154.1590,
-77.5650, -64.5810

■ 232.6940, 10.4500,
19.8740

■ 146.4410,
-87.4670, -72.3550

■ 140.0330,
-95.3060, -78.9700

Harmonies

Analogous

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



202.3180, -1.5560, -15.8600



200.3250, -20.6290, -17.1170



199.0060, -35.6680, -14.3880

Triad

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



200.3250, -20.6290, -17.1170



207.1570, -19.0750, 9.7970



208.9410, 34.0190, 5.7230

Complementary

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



200.3250, -20.6290, -17.1170



186.6750, 20.6290, 17.1170

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.



209.8300, 30.2580, 13.3140



200.3250, -20.6290, -17.1170



209.4970, 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.



200.3250, -20.6290, -17.1170



202.9760, -34.9830, 0.7370



210.3050, 18.7950, 17.3150



207.0340, 29.0230, -2.8570

Rectangle

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



200.3250, -20.6290, -17.1170



199.3030, -40.7580, -10.2460



210.3050, 18.7950, 17.3150



208.9350, 34.1560, 8.7480

Sweetspot

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



200.3250, -20.6290, -17.1170



248.5920, -7.8390, -6.6150



204.4660, 0.7830, -19.7050



124.1410, -4.9510, -3.8870



0.0000, 0.0000, 0.0000



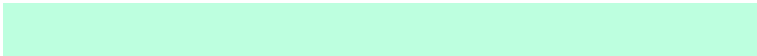
128.0000, -0.0000, -0.0000

Same Dimension

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



200.3250, -20.6290, -17.1170



231.6180, -29.0640, -23.9440



202.9470, -28.0120, -9.9640



106.0270, -4.6300, -4.1980



111.5830, -75.8230, -63.1110



29.6240, -20.0330, -16.9050

Inverse Universe

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



186.6750, 20.6290, 17.1170



212.3820, 29.0640, 23.9440



184.0530, 28.0120, 9.9640



102.8590, 4.9510, 3.8870



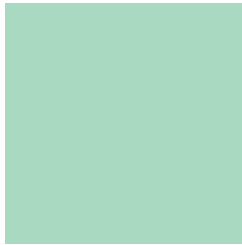
61.4170, 75.8230, 63.1110



16.2620, 20.3540, 16.5940

Previews

White Background



This preview shows how the YIQ color 200.3250, -20.6290, -17.1170 looks on a white background.

Color Contrast Check

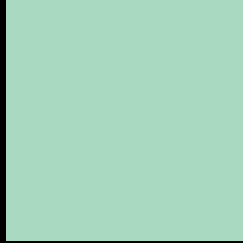
Large Text (above 18pt) WCAG AA × Fail

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 200.3250, -20.6290, -17.1170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

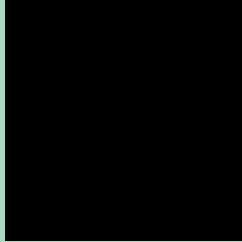
Any Text WCAG AA ✓ Pass

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 200.3250, -20.6290, -17.1170 Background



This preview shows how black text looks on a background with the YIQ color 200.3250, -20.6290, -17.1170.



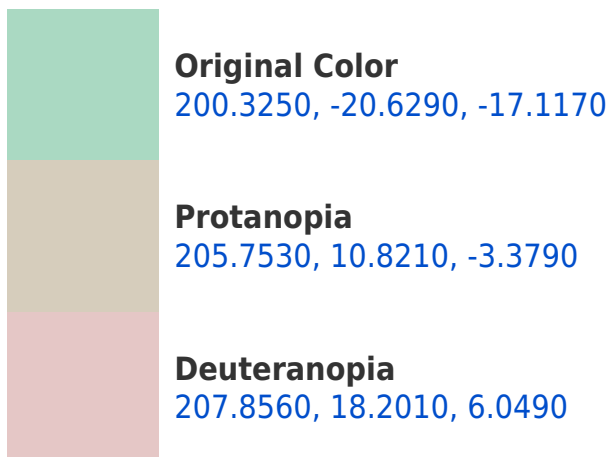
This preview shows how white text looks on a background with the YIQ color 200.3250, -20.6290, -17.1170.

-17.1170.

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

203.4730, -26.3170, -2.1330

Trichromacy



Original Color

200.3250, -20.6290, -17.1170

Protanomaly

203.5450, -0.4570, -8.2410

Deuteranomaly

205.5720, 4.0810, -2.3750

Tritanomaly

202.2680, -24.4820, -7.8580

Monochromacy



Original Color

200.3250, -20.6290, -17.1170

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.0050, -7.5640, -6.0920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.3250, -20.6290, -17.1170 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(170, 217, 194)` looks like.

```
.text, #text, p{  
    color:rgb(170, 217, 194)  
}
```

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(170, 217, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 217, 194) }
```

Border

The CSS property to change the border of an element to YIQ 200.3250, -20.6290, -17.1170 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(170, 217, 194) }
```


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

```
.border{ border-color:rgb(170, 217, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 217, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 217, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 217, 194);  
box-shadow:4px 4px 4px 4px rgb(170, 217,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 200.3250, -20.6290, -17.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 217, 194) }
```

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

```
.background{ background-color: rgb(170,  
217, 194) }
```

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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