

Converting Colors

YIQ(200.5170, -21.5900,
-27.2380)

Have a look what the booklet for
YIQ(200.5170, -21.5900, -27.2380)
contains.

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Color

**YIQ(200.5170, -21.5900,
-27.2380)**

Conversions

Conversions Part 1

Format	Color
Hex	A3E0B2
RGB	163, 224, 178
RGB Percent	64%, 88%, 70%
CMY	0.3610, 0.1215, 0.3020
CMYK	0.27, 0.00, 0.21, 0.12
HSL	135°, 50%, 76%
HSV	135°, 27%, 88%
XYZ	49.7923, 64.3207, 51.9036
YIQ	200.5170, -21.5900, -27.2380

Conversions

Conversions Part 2

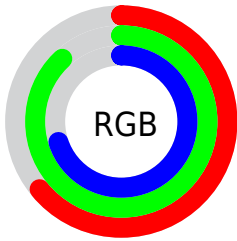
Format	Color
RYB	163, 212, 224
Decimal	10739890
CIELab	84.13, -28.54, 16.41
CIELCh	84, 32.919, 150.103
Yxy	64.3207, 0.2999, 0.3874
Android (android.graphics.Color)	4288929970 (0xFFA3E0B2)
YUV	200.5170, -11.1009, -32.9024
Hunter-Lab	80.2002, -29.5286, 17.7691

Details

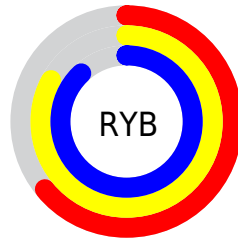
The YIQ color **200.5170, -21.5900, -27.2380** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **186.4830, 21.5900, 27.2380**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.8420, -14.7150, -14.1630**, and **145.7560, -20.7650, -25.6690** is the 20% darker color. If you saturate the color by 10%, you get **192.0010, -29.2450, -37.1890**, and if you desaturate by 10%, it is **209.0330, -13.9350, -17.2870**.

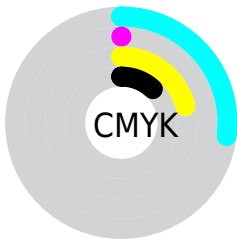
Distribution



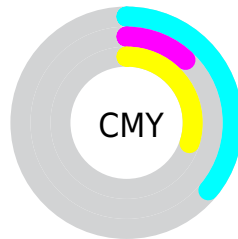
- Red (64%)
- Green (88%)
- Blue (70%)



- Red (64%)
- Yellow (83%)
- Blue (88%)



- Cyan (27%)
- Magenta (0%)
- Yellow (21%)
- Black (12%)



- Cyan (36%)
- Magenta (12%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.5170, -21.5900, -27.2380 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 200.5170, -21.5900, -27.2380 by changing the saturation by 10% instead.

■ 200.5170,
-21.5900, -27.2380

■ 200.5170,
-21.5900, -27.2380

■ 255.0000, -0.0000,
-0.0000

■ 172.9300,
-21.3150, -26.7150

■ 241.8420,
-14.7150, -14.1630

■ 146.3430,
-21.0400, -26.1920

■ 252.9070, -4.1720,
-1.4840

■ 119.8700,
-21.0860, -25.3580

■ 94.3970, -21.1320,
-24.5240

■ 69.3260, -22.3700,
-24.1140

■ 43.4610, -27.1840,
-24.9760

■ 26.8540, -14.9890,

-20.2130

■ 13.5010, -6.3250,
-12.0290

■ 0.0000, 0.0000,
0.0000

■ 200.5170,
-21.5900, -27.2380

■ 200.5170,
-21.5900, -27.2380

■ 192.0010,
-29.2450, -37.1890

■ 209.0330,
-13.9350, -17.2870

■ 183.1860,
-37.4960, -47.3520

■ 217.8480, -5.6840,
-7.1240

■ 174.6700,
-45.1510, -57.3030

■ 226.3640, 1.9710,
2.8270

■ 165.8550,
-53.4020, -67.4660

■ 235.1790, 10.2220,
12.9900

■ 157.4530,
-61.3780, -77.1060

■ 236.8030, 8.5250,
16.2130

■ 148.9370,
-69.0330, -87.0570

■ 140.1220,
-77.2840, -97.2200

■ 137.7580,
-79.2550, -100.0470

Harmonies

Analogous

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



204.6640, 8.8530, -22.7870



200.5170, -21.5900, -27.2380



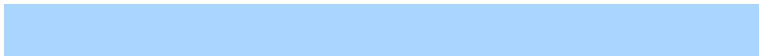
195.9450, -52.0340, -26.1620

Triad

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



200.5170, -21.5900, -27.2380



204.9310, -39.1100, 3.9460



207.7080, 42.2250, 11.1930

Complementary

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



200.5170, -21.5900, -27.2380



186.4830, 21.5900, 27.2380

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.



210.0680, 32.8240, 21.8800



200.5170, -21.5900, -27.2380



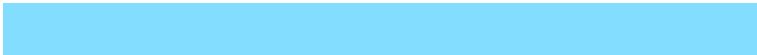
211.9290, -9.2650, 19.2390

Square

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



200.5170, -21.5900, -27.2380



197.6670, -65.1500, -8.7180



214.9280, 18.8390, 27.5350



209.7820, 47.4080, -0.1440

Rectangle

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



200.5170, -21.5900, -27.2380



194.1530, -67.1190, -22.5990



214.9280, 18.8390, 27.5350



208.2610, 39.2900, 14.8260

Sweetspot

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



200.5170, -21.5900, -27.2380



247.3100, -7.1050, -8.9050



212.8600, 11.2370, -21.9390



122.9730, -4.5380, -5.8660



0.0000, 0.0000, 0.0000



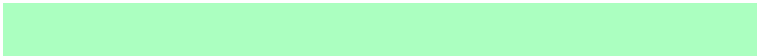
128.0000, -0.0000, -0.0000

Same Dimension

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



200.5170, -21.5900, -27.2380



222.7020, -29.8410, -37.4010



203.9370, -31.2200, -17.9080



107.7990, -3.9880, -4.8200



108.2140, -62.2030, -78.6750



29.5440, -17.0520, -21.3720

Inverse Universe

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



186.4830, 21.5900, 27.2380



203.2980, 29.8410, 37.4010



183.0630, 31.2200, 17.9080



105.2010, 3.9880, 4.8200



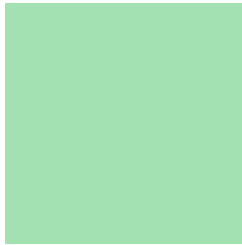
67.7860, 62.2030, 78.6750



18.5700, 16.7310, 21.6830

Previews

White Background



This preview shows how the YIQ color 200.5170, -21.5900, -27.2380 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 200.5170, -21.5900, -27.2380 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 200.5170, -21.5900, -27.2380 Background



This preview shows how black text looks on a background with the YIQ color 200.5170, -21.5900, -27.2380.



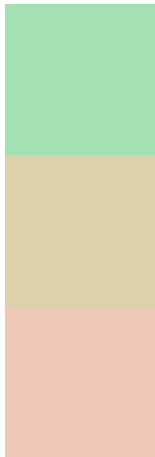
This preview shows how white text looks on a background with the YIQ color 200.5170, -21.5900, -27.2380.

-27.2380.

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

200.5170, -21.5900, -27.2380

Protanopia

208.2560, 19.3500, -9.2740

Deuteranopia

210.3100, 28.4260, 2.4580



Tritanopia

205.1950, -31.4060, -3.5180

Trichromacy



Original Color

200.5170, -21.5900, -27.2380



Protanomaly

205.2540, 4.4960, -15.4080



Deuteranomaly

206.4060, 10.1800, -8.2840



Tritanomaly

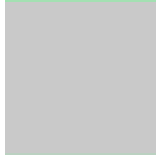
203.4800, -28.1950, -12.1550

Monochromacy



Original Color

200.5170, -21.5900, -27.2380



Achromatopsia

201.0000, -0.0000, 0.0000



Achromatomaly

200.5980, -7.9760, -9.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.5170, -21.5900, -27.2380 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(163, 224, 178)` looks like.

```
.text, #text, p{  
    color:rgb(163, 224, 178)  
}
```

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(163, 224, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 224, 178) }
```

Border

The CSS property to change the border of an element to YIQ 200.5170, -21.5900, -27.2380 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(163, 224, 178) }
```


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

```
.border{ border-color:rgb(163, 224, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 224, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 224, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 224, 178);  
box-shadow:4px 4px 4px 4px rgb(163, 224,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 200.5170, -21.5900, -27.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 224, 178) }
```

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

```
.background{ background-color: rgb(163,  
224, 178) }
```

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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