

Converting Colors

YIQ(201.9470, -37.1800,
-20.0280)

Have a look what the booklet for
YIQ(201.9470, -37.1800, -20.0280)
contains.

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Color

**YIQ(201.9470, -37.1800,
-20.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	9AE1D1
RGB	154, 225, 209
RGB Percent	60%, 88%, 82%
CMY	0.3962, 0.1175, 0.1805
CMYK	0.32, 0.00, 0.07, 0.12
HSL	166°, 54%, 74%
HSV	166°, 32%, 88%
XYZ	51.7554, 65.3338, 70.1821
YIQ	201.9470, -37.1800, -20.0280

Conversions

Conversions Part 2

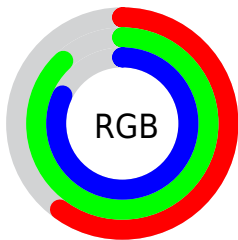
Format	Color
RYB	154, 194, 225
Decimal	10150353
CIELab	84.66, -25.56, 0.78
CIELCh	85, 25.575, 178.252
Yxy	65.3338, 0.2764, 0.3489
Android (android.graphics.Color)	4288340433 (0xFF9AE1D1)
YUV	201.9470, 3.4771, -42.0495
Hunter-Lab	80.8293, -27.1571, 5.1005

Details

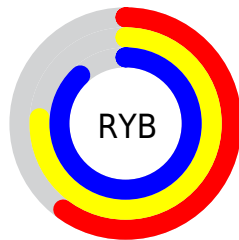
The YIQ color **201.9470, -37.1800, -20.0280** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **177.0530, 37.1800, 20.0280**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5450, -26.8200, -9.5400**, and **146.7730, -36.6300, -18.9820** is the 20% darker color. If you saturate the color by 10%, you get **194.5000, -49.2830, -26.4590**, and if you desaturate by 10%, it is **209.0950, -25.6730, -13.8090**.

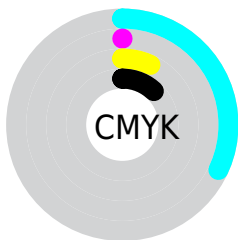
Distribution



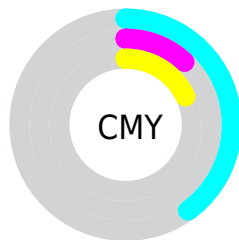
- Red (60%)
- Green (88%)
- Blue (82%)



- Red (60%)
- Yellow (76%)
- Blue (88%)



- Cyan (32%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)



- Cyan (40%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.9470, -37.1800, -20.0280 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 201.9470, -37.1800, -20.0280 by changing the saturation by 10% instead.

■ 201.9470,
-37.1800, -20.0280

■ 201.9470,
-37.1800, -20.0280

■ 255.0000, -0.0000,
-0.0000

■ 174.2460,
-36.5840, -19.8160

■ 241.5450,
-26.8200, -9.5400

■ 146.7730,
-36.6300, -18.9820

■ 250.2160, -9.5360,
-3.3920

■ 120.4740,
-37.2260, -19.1940

■ 94.2890, -38.1430,
-19.0950

■ 67.3100, -42.6360,
-20.2680

■ 46.4140, -36.9970,
-17.8370

■ 30.4050, -23.6100,

-12.6500

■ 16.2710, -11.3690,
-8.7210

■ 0.0000, 0.0000,
0.0000

■ 201.9470,
-37.1800, -20.0280

■ 201.9470,
-37.1800, -20.0280

■ 194.5000,
-49.2830, -26.4590

■ 209.0950,
-25.6730, -13.8090

■ 187.3520,
-60.7900, -32.6780

■ 216.5420,
-13.5700, -7.3780

■ 179.9050,
-72.8930, -39.1090

■ 223.6900, -2.0630,
-1.1590

■ 172.7570,
-84.4000, -45.3280

■ 231.1370, 10.0400,
5.2720

■ 165.3100,
-96.5030, -51.7590

■ 234.9960, 14.9910,
9.1590

■ 158.0480,
-107.6890, -58.2890

■ 235.5660, 13.3860,
10.7140

■ 151.9110,
-117.7290, -63.5610

■ 236.2500, 11.4600,
12.5800

■ 236.8200, 9.8550,
14.1350

■ 237.3900, 8.2500,
15.6900

Harmonies

Analogous

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



204.3270, -14.9430, -21.0470



201.9470, -37.1800, -20.0280



200.8070, -51.1650, -14.3730

Triad

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



201.9470, -37.1800, -20.0280



213.8640, -10.6400, 16.6240



212.5300, 39.4300, 1.2700

Complementary

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



201.9470, -37.1800, -20.0280



177.0530, 37.1800, 20.0280

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.



212.9570, 37.0900, 10.6420



201.9470, -37.1800, -20.0280



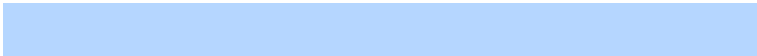
215.3030, 13.1090, 21.2450

Square

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



201.9470, -37.1800, -20.0280



208.8070, -32.8290, 5.7550



214.5190, 29.9360, 19.1520



210.3340, 27.8780, -9.6420

Rectangle

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



201.9470, -37.1800, -20.0280



202.6100, -51.8080, -8.2240



214.5190, 29.9360, 19.1520



213.1220, 40.7590, 4.7190

Sweetspot

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



201.9470, -37.1800, -20.0280



247.5530, -12.1030, -6.4310



200.7600, -9.3930, -33.5290



123.0590, -7.6560, -4.4240



0.0000, 0.0000, 0.0000



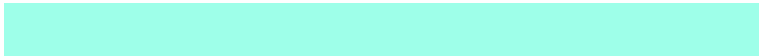
128.0000, -0.0000, -0.0000

Same Dimension

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



201.9470, -37.1800, -20.0280



223.4890, -50.7500, -27.4060



192.6180, -37.0910, -5.1150



108.4830, -5.9140, -2.9540



118.8160, -92.0560, -49.7520



32.3940, -25.0770, -13.5970

Inverse Universe

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



177.0530, 37.1800, 20.0280



189.5110, 50.7500, 27.4060



186.3820, 37.0910, 5.1150



104.6310, 5.5930, 3.2650



57.1840, 92.0560, 49.7520



15.6060, 25.0770, 13.5970

Previews

White Background



This preview shows how the YIQ color 201.9470, -37.1800, -20.0280 looks on a white background.

Color Contrast Check

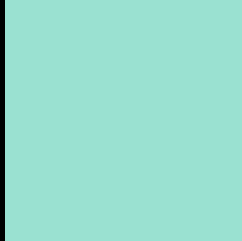
Large Text (above 18pt) WCAG AA × Fail

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 201.9470, -37.1800, -20.0280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

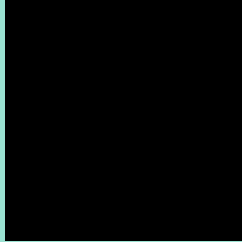
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

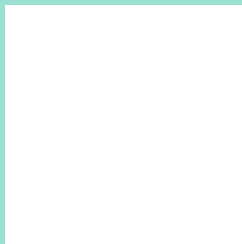
Any Text WCAG AAA ✓ Pass

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

YIQ 201.9470, -37.1800, -20.0280 Background



This preview shows how black text looks on a background with the YIQ color 201.9470, -37.1800, -20.0280.



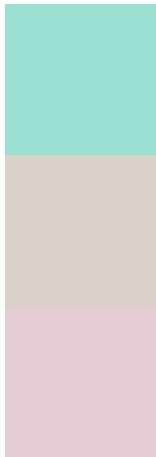
This preview shows how white text looks on a background with the YIQ color 201.9470, -37.1800, -20.0280.

-20.0280.

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

201.9470, -37.1800, -20.0280

Protanopia

210.9530, 7.3820, -1.6260

Deuteranopia

212.5010, 12.0110, 8.0990



Tritanopia

204.9980, -41.2170, -7.4330

Trichromacy



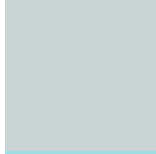
Original Color

201.9470, -37.1800, -20.0280



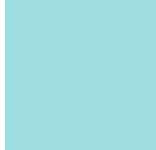
Protanomaly

207.3530, -8.6640, -8.1840



Deuteranomaly

209.0100, -5.9600, -2.1200



Tritanomaly

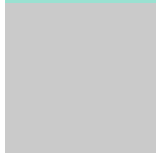
203.4340, -39.7490, -12.0130

Monochromacy



Original Color

201.9470, -37.1800, -20.0280



Achromatopsia

202.0000, -0.0000, 0.0000



Achromatomaly

201.9550, -13.2950, -6.8550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.9470, -37.1800, -20.0280 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(154, 225, 209)` looks like.

```
.text, #text, p{  
    color:rgb(154, 225, 209)  
}
```

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(154, 225, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 225, 209) }
```

Border

The CSS property to change the border of an element to YIQ 201.9470, -37.1800, -20.0280 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(154, 225, 209) }
```


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

```
.border{ border-color:rgb(154, 225, 209) }
```

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

Here you see how a box with a 4 pixel rgb(154, 225, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 225, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 225, 209);  
box-shadow:4px 4px 4px 4px rgb(154, 225,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 201.9470, -37.1800, -20.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 225, 209) }
```

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

```
.background{ background-color: rgb(154,  
225, 209) }
```

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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