

Converting Colors

YIQ(201.0790, -55.1070,
-20.0270)

Have a look what the booklet for
YIQ(201.0790, -55.1070, -20.0270)
contains.

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Color

**YIQ(201.0790, -55.1070,
-20.0270)**

Conversions

Conversions Part 1

Format	Color
Hex	88E5E4
RGB	136, 229, 228
RGB Percent	53%, 90%, 89%
CMY	0.4669, 0.1018, 0.1061
CMYK	0.41, 0.00, 0.00, 0.10
HSL	179°, 64%, 72%
HSV	179°, 41%, 90%
XYZ	52.1702, 66.8881, 83.5194
YIQ	201.0790, -55.1070, -20.0270

Conversions

Conversions Part 2

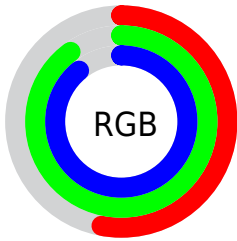
Format	Color
R_{YB}	136, 183, 229
Decimal	8971748
CIE _{Lab}	85.45, -27.89, -8.17
CIE _{LCh}	85, 29.061, 196.328
Yxy	66.8881, 0.2575, 0.3302
Android (android.graphics.Color)	4287161828 (0xFF88E5E4)
YUV	201.0790, 13.2721, -57.0743
Hunter-Lab	81.7852, -29.2602, -3.2976

Details

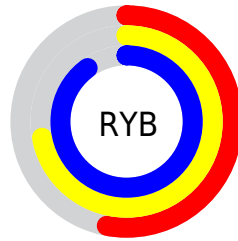
The YIQ color **201.0790, -55.1070, -20.0270** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **163.9210, 55.1070, 20.0270**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7610, -36.3560, -12.9320**, and **144.5950, -56.6200, -20.1400** is the 20% darker color. If you saturate the color by 10%, you get **194.2020, -68.8150, -24.9030**, and if you desaturate by 10%, it is **207.9560, -41.3990, -15.1510**.

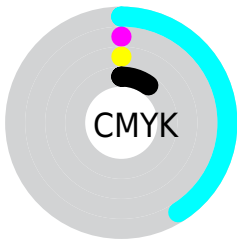
Distribution



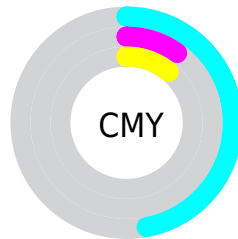
- Red (53%)
- Green (90%)
- Blue (89%)



- Red (53%)
- Yellow (72%)
- Blue (90%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (47%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.0790, -55.1070, -20.0270 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 201.0790, -55.1070, -20.0270 by changing the saturation by 10% instead.

■ 201.0790,
-55.1070, -20.0270

■ 201.0790,
-55.1070, -20.0270

■ 255.0000, -0.0000,
-0.0000

■ 172.7800,
-55.7030, -20.2390

■ 236.7610,
-36.3560, -12.9320

■ 144.5950,
-56.6200, -20.1400

■ 245.4320,
-19.0720, -6.7840

■ 116.3990,
-59.0040, -20.9880

■ 254.4020, -1.1920,
-0.4240

■ 84.1200, -71.5200,
-25.4400

■ 66.7090, -56.9410,
-19.8290

■ 49.8850, -42.6370,
-14.7410

■ 33.8760, -29.2500,

-9.5540

■ 19.7420, -17.0090,
-5.6250

■ 0.1140, -0.3210,
0.3110

■ 201.0790,
-55.1070, -20.0270

■ 201.0790,
-55.1070, -20.0270

■ 194.2020,
-68.8150, -24.9030

■ 207.9560,
-41.3990, -15.1510

■ 187.2110,
-82.2020, -30.0900

■ 214.8330,
-27.6910, -10.2750

■ 180.3340,
-95.9100, -34.9660

■ 221.8240,
-14.3040, -5.0880

■ 173.4570,
-109.6180, -39.8420

■ 228.7010, -0.5960,
-0.2120

■ 166.5800,
-123.3260, -44.7180

■ 235.2790, 12.5160,
4.4520

■ 160.1870,
-135.5210, -49.4810

■ 236.8880, 15.1750,
5.8230

Harmonies

Analogous

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



203.5790, -33.3280, -23.7600



201.0790, -55.1070, -20.0270



202.3530, -61.3900, -10.7820

Triad

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



201.0790, -55.1070, -20.0270



217.8660, 4.2140, 22.7580



213.1180, 37.4140, -6.2500

Complementary

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



201.0790, -55.1070, -20.0270



163.9210, 55.1070, 20.0270

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.



213.0080, 41.0800, 4.4080



201.0790, -55.1070, -20.0270



216.5880, 25.4880, 22.6720

Square

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



201.0790, -55.1070, -20.0270



213.0260, -20.0840, 11.5640



212.8090, 34.7510, 14.4870



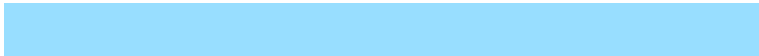
210.9150, 18.5720, -17.2040

Rectangle

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



201.0790, -55.1070, -20.0270



204.8320, -52.3130, -4.5770



212.8090, 34.7510, 14.4870



214.0910, 42.0440, -2.0520

Sweetspot

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



201.0790, -55.1070, -20.0270



245.7310, -18.4760, -6.5720



190.8900, -24.9790, -48.4270



122.5040, -10.4070, -4.1270



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.



201.0790, -55.1070, -20.0270



217.5110, -74.1790, -26.8110



174.7780, -43.0530, 3.8190



111.4120, -7.1520, -2.5440



125.1370, -105.7210, -38.8810



35.6370, -30.0750, -11.1230

Inverse Universe

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



163.9210, 55.1070, 20.0270



167.6030, 73.8580, 27.1220



190.2220, 43.0530, -3.8190



106.5880, 7.1520, 2.5440



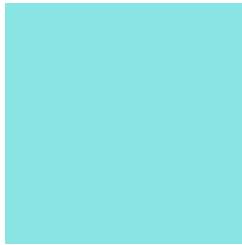
53.7490, 106.0420, 38.5700



15.3630, 30.0750, 11.1230

Previews

White Background



This preview shows how the YIQ color 201.0790, -55.1070, -20.0270 looks on a white background.

Color Contrast Check

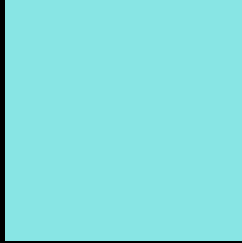
Large Text (above 18pt) WCAG AA × Fail

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 201.0790, -55.1070, -20.0270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

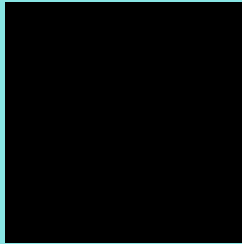
Any Text WCAG AA ✓ Pass

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 201.0790, -55.1070, -20.0270 Background



This preview shows how black text looks on a background with the YIQ color 201.0790, -55.1070, -20.0270.



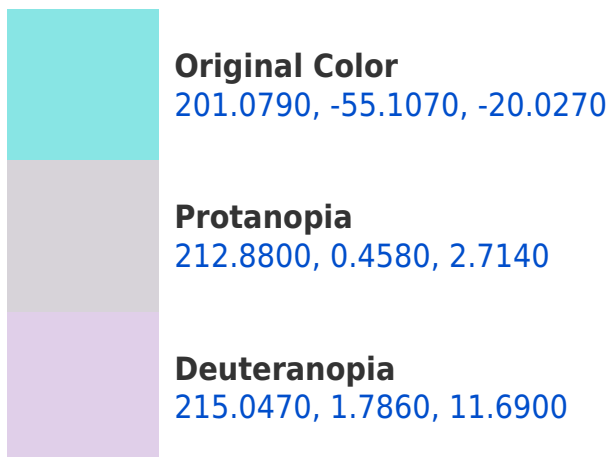
This preview shows how white text looks on a background with the YIQ color 201.0790, -55.1070, -20.0270.

-20.0270.

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

202.7510, -56.7590, -12.1110

Trichromacy



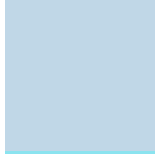
Original Color

201.0790, -55.1070, -20.0270



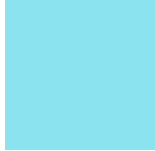
Protanomaly

208.7740, -20.0350, -5.8510



Deuteranomaly

209.9470, -18.8440, 0.1000



Tritanomaly

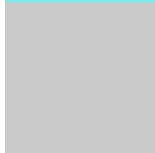
202.0560, -56.3000, -14.9240

Monochromacy



Original Color

201.0790, -55.1070, -20.0270



Achromatopsia

201.0000, -0.0000, 0.0000



Achromatomaly

200.8340, -20.2640, -7.2080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.0790, -55.1070, -20.0270 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(136, 229, 228)` looks like.

```
.text, #text, p{  
    color:rgb(136, 229, 228)  
}
```

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(136, 229, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 229, 228) }
```

Border

The CSS property to change the border of an element to YIQ 201.0790, -55.1070, -20.0270 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(136, 229, 228) }
```


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

```
.border{ border-color:rgb(136, 229, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 229, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 229, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 229, 228);  
box-shadow:4px 4px 4px 4px rgb(136, 229,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 201.0790, -55.1070, -20.0270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 229, 228) }
```

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

```
.background{ background-color: rgb(136,  
229, 228) }
```

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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