

Converting Colors

YIQ(200.2870, -62.1650,
-35.2930)

Have a look what the booklet for
YIQ(200.2870, -62.1650, -35.2930)
contains.

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Color

**YIQ(200.2870, -62.1650,
-35.2930)**

Conversions

Conversions Part 1

Format	Color
Hex	77F0D1
RGB	119, 240, 209
RGB Percent	47%, 94%, 82%
CMY	0.5336, 0.0586, 0.1806
CMYK	0.50, 0.00, 0.13, 0.06
HSL	165°, 80%, 70%
HSV	165°, 50%, 94%
XYZ	50.2736, 70.8671, 71.3138
YIQ	200.2870, -62.1650, -35.2930

Conversions

Conversions Part 2

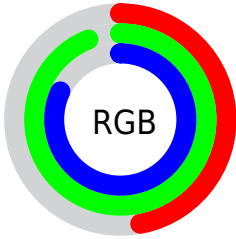
Format	Color
R _Y B	119, 188, 240
Decimal	7860433
CIE Lab	87.42, -41.42, 4.62
CIE LCh	87, 41.673, 173.630
Yxy	70.8671, 0.2612, 0.3682
Android (android.graphics.Color)	4286050513 (0xFF77F0D1)
YUV	200.2870, 4.2955, -71.2887
Hunter-Lab	84.1826, -40.7198, 8.7014

Details

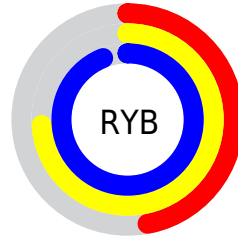
The YIQ color **200.2870, -62.1650, -35.2930** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **158.7130, 62.1650, 35.2930**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.9770, -45.8920, -16.3240**, and **141.8350, -66.7040, -35.6320** is the 20% darker color. If you saturate the color by 10%, you get **192.4270, -74.5430, -42.2470**, and if you desaturate by 10%, it is **208.1470, -49.7870, -28.3390**.

Distribution



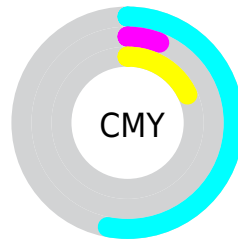
- Red (47%)
- Green (94%)
- Blue (82%)



- Red (47%)
- Yellow (74%)
- Blue (94%)



- Cyan (50%)
- Magenta (0%)
- Yellow (13%)
- Black (6%)



- Cyan (53%)
- Magenta (6%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.2870, -62.1650, -35.2930 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 200.2870, -62.1650, -35.2930 by changing the saturation by 10% instead.

■ 200.2870,
-62.1650, -35.2930

■ 200.2870,
-62.1650, -35.2930

■ 255.0000, -0.0000,
-0.0000

■ 171.1020,
-63.0820, -35.1940

■ 231.9770,
-45.8920, -16.3240

■ 141.5360,
-67.3000, -35.8440

■ 240.9470,
-28.0120, -9.9640

■ 106.2780,
-84.3090, -41.4690

■ 249.9170,
-10.1320, -3.6040

■ 87.5790, -68.8590,
-35.1230

■ 70.1680, -54.2800,
-29.5120

■ 52.8710, -40.0220,
-23.5900

■ 36.2750, -26.3600,

-17.8800

■ 21.5540, -13.8440,
-13.4280

■ 0.0000, 0.0000,
0.0000

■ 200.2870,
-62.1650, -35.2930

■ 200.2870,
-62.1650, -35.2930

■ 192.4270,
-74.5430, -42.2470

■ 208.1470,
-49.7870, -28.3390

■ 184.5670,
-86.9210, -49.2010

■ 216.0070,
-37.4090, -21.3850

■ 176.5930,
-98.9780, -56.4660

■ 223.8670,
-25.0310, -14.4310

■ 168.7330,
-111.3560, -63.4200

■ 231.8410,
-12.9740, -7.1660

■ 161.1720,
-123.1380, -70.1620

■ 239.7010, -0.5960,
-0.2120

■ 245.1690, 7.0140,
5.0460

■ 245.8530, 5.0880,
6.9120

■ 246.1950, 4.1250,
7.8450

Harmonies

Analogous

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



207.6710, -19.3880, -34.1080



200.2870, -62.1650, -35.2930



192.5880, -99.4410, -31.5450

Triad

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



200.2870, -62.1650, -35.2930



216.9020, -13.8030, 13.3730



211.5430, 46.5830, -1.7130

Complementary

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



200.2870, -62.1650, -35.2930



158.7130, 62.1650, 35.2930

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.



209.9080, 38.7860, 12.9460



200.2870, -62.1650, -35.2930



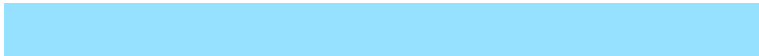
221.5410, 15.6750, 29.8110

Square

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



200.2870, -62.1650, -35.2930



205.9950, -54.3300, -6.5700



213.8810, 26.2210, 25.9090



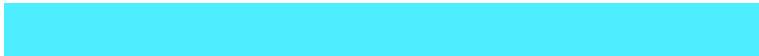
217.5240, 47.5940, -14.5340

Rectangle

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



200.2870, -62.1650, -35.2930



191.5110, -100.5420, -28.1100



213.8810, 26.2210, 25.9090



210.2210, 44.7940, 3.1780

Sweetspot

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



200.2870, -62.1650, -35.2930



242.4980, -19.4380, -11.1660



199.5950, -14.2030, -56.4990



120.4390, -11.7820, -6.7420



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.



200.2870, -62.1650, -35.2930



203.7960, -80.1360, -45.5120



187.3850, -64.4160, -11.0080



116.0700, -6.1890, -3.4770



123.5120, -94.2560, -53.9360



37.6600, -28.8820, -16.2260

Inverse Universe

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



158.7130, 62.1650, 35.2930



150.2040, 80.1360, 45.5120



171.6150, 64.4160, 11.0080



111.9300, 6.1890, 3.4770



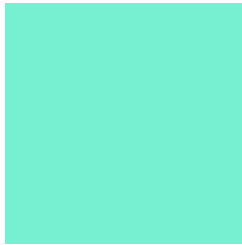
60.3740, 94.5770, 53.6250



18.3400, 28.8820, 16.2260

Previews

White Background



This preview shows how the YIQ color 200.2870, -62.1650, -35.2930 looks on a white background.

Color Contrast Check

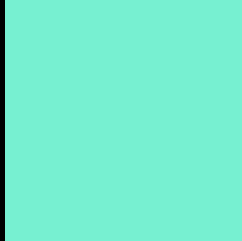
Large Text (above 18pt) WCAG AA × Fail

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 200.2870, -62.1650, -35.2930 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

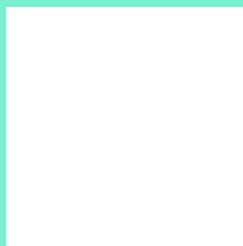
Any Text WCAG AAA ✓ Pass

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

YIQ 200.2870, -62.1650, -35.2930 Background



This preview shows how black text looks on a background with the YIQ color 200.2870, -62.1650, -35.2930.



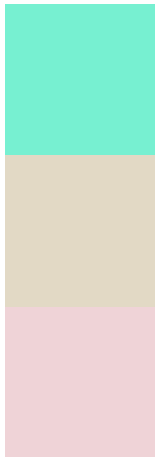
This preview shows how white text looks on a background with the YIQ color 200.2870, -62.1650, -35.2930.

-35.2930.

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

200.2870, -62.1650, -35.2930

Protanopia

217.4110, 11.7840, -4.3120

Deuteranopia

219.8280, 15.4040, 7.1800



Tritanopia

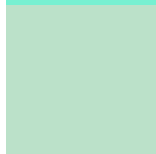
205.6680, -66.8910, -15.7150

Trichromacy



Original Color

200.2870, -62.1650, -35.2930



Protanomaly

210.9020, -14.9440, -15.5200



Deuteranomaly

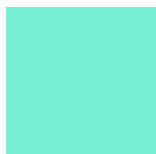
212.9010, -13.2030, -8.5230



Tritanomaly

203.5230, -65.2850, -22.7970

Monochromacy



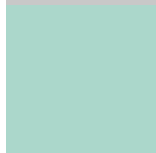
Original Color

200.2870, -62.1650, -35.2930



Achromatopsia

200.0000, -0.0000, -0.0000



Achromatomaly

200.4760, -22.3720, -13.0600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.2870, -62.1650, -35.2930 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(119, 240, 209)` looks like.

```
.text, #text, p{  
    color:rgb(119, 240, 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(119, 240, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 240, 209) }
```

Border

The CSS property to change the border of an element to YIQ 200.2870, -62.1650, -35.2930 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(119, 240, 209) }
```


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

```
.border{ border-color:rgb(119, 240, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 240, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 240, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 240, 209);  
box-shadow:4px 4px 4px 4px rgb(119, 240,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 200.2870, -62.1650, -35.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 240, 209) }
```

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

```
.background{ background-color: rgb(119,  
240, 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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