

Converting Colors

YIQ(195.8790, -51.6680,
-21.7800)

Have a look what the booklet for
YIQ(195.8790, -51.6680, -21.7800)
contains.

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Color

**YIQ(195.8790, -51.6680,
-21.7800)**

Conversions

Conversions Part 1

Format	Color
Hex	85E0D8
RGB	133, 224, 216
RGB Percent	52%, 88%, 85%
CMY	0.4786, 0.1214, 0.1531
CMYK	0.41, 0.00, 0.04, 0.12
HSL	175°, 60%, 70%
HSV	175°, 41%, 88%
XYZ	48.7180, 63.2691, 74.5758
YIQ	195.8790, -51.6680, -21.7800

Conversions

Conversions Part 2

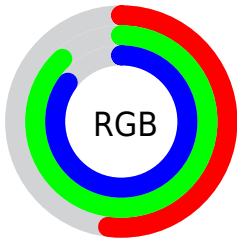
Format	Color
RYB	133, 181, 224
Decimal	8773848
CIELab	83.58, -29.09, -4.60
CIELCh	84, 29.454, 188.985
Yxy	63.2691, 0.2611, 0.3391
Android (android.graphics.Color)	4286963928 (0xFF85E0D8)
YUV	195.8790, 9.9197, -55.1449
Hunter-Lab	79.5418, -29.8701, 0.0909

Details

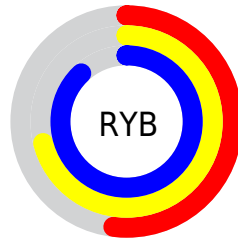
The YIQ color **195.8790, -51.6680, -21.7800** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **161.1210, 51.6680, 21.7800**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.5650, -38.7400, -13.7800**, and **139.6940, -52.5850, -21.6810** is the 20% darker color. If you saturate the color by 10%, you get **189.0730, -64.1380, -27.0660**, and if you desaturate by 10%, it is **202.6850, -39.1980, -16.4940**.

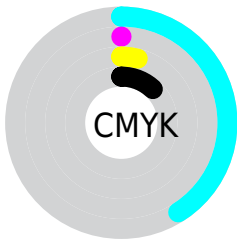
Distribution



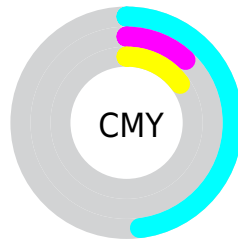
- Red (52%)
- Green (88%)
- Blue (85%)



- Red (52%)
- Yellow (71%)
- Blue (88%)



- Cyan (41%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (48%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.8790, -51.6680, -21.7800 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 195.8790, -51.6680, -21.7800 by changing the saturation by 10% instead.

■ 195.8790,
-51.6680, -21.7800

■ 195.8790,
-51.6680, -21.7800

■ 255.0000, -0.0000,
-0.0000

■ 167.8790,
-51.6680, -21.7800

■ 235.5650,
-38.7400, -13.7800

■ 139.6940,
-52.5850, -21.6810

■ 244.2360,
-21.4560, -7.6320

■ 112.1990,
-55.5650, -22.7410

■ 253.2060, -3.5760,
-1.2720

■ 80.6320, -67.2100,
-26.4580

■ 63.1070, -52.3100,
-21.1580

■ 46.3970, -38.3270,
-15.7590

■ 30.5020, -25.2610,

-10.2610

■ 14.6070, -12.1950,
-4.7630

■ 0.0000, 0.0000,
0.0000

■ 195.8790,
-51.6680, -21.7800

■ 195.8790,
-51.6680, -21.7800

■ 189.0730,
-64.1380, -27.0660

■ 202.6850,
-39.1980, -16.4940

■ 181.9680,
-77.2040, -32.5640

■ 209.7900,
-26.1320, -10.9960

■ 175.1620,
-89.6740, -37.8500

■ 216.5960,
-13.6620, -5.7100

■ 168.0570,
-102.7400, -43.3480

■ 223.7010, -0.5960,
-0.2120

■ 161.2510,
-115.2100, -48.6340

■ 230.5070, 11.8740,
5.0740

■ 154.7440,
-127.0840, -53.7080

■ 233.7250, 17.1920,
7.8160

■ 233.9530, 16.5500,
8.4380

■ 234.1810, 15.9080,
9.0600

■ 234.4090, 15.2660,
9.6820

Harmonies

Analogous

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



198.9880, -27.2300, -24.1420



195.8790, -51.6680, -21.7800



195.8750, -63.0400, -13.9200

Triad

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



195.8790, -51.6680, -21.7800



211.5170, -2.1130, 21.7830



208.8520, 41.2190, -3.6210

Complementary

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



195.8790, -51.6680, -21.7800



161.1210, 51.6680, 21.7800

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.



208.8990, 43.0050, 8.0690



195.8790, -51.6680, -21.7800



213.2720, 23.5620, 24.5380

Square

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



195.8790, -51.6680, -21.7800



206.7800, -28.1990, 9.9530



209.5150, 35.7590, 18.2470



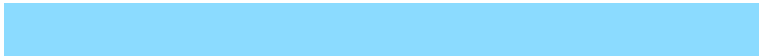
205.9050, 24.5320, -15.0840

Rectangle

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



195.8790, -51.6680, -21.7800



199.1840, -59.2360, -5.7640



209.5150, 35.7590, 18.2470



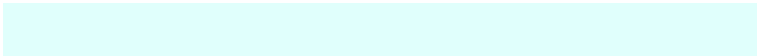
209.4550, 44.0150, 0.7750

Sweetspot

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



195.8790, -51.6680, -21.7800



245.3890, -17.5130, -7.5050



189.1080, -19.6610, -45.6850



122.3900, -10.0860, -4.4380



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.



195.8790, -51.6680, -21.7800



216.3710, -70.9690, -29.9210



175.6590, -44.3360, -0.4640



108.5970, -6.2350, -2.6430



121.5520, -99.7600, -42.2880



33.1920, -27.3240, -11.4200

Inverse Universe

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



161.1210, 51.6680, 21.7800



168.6290, 70.9690, 29.9210



181.3410, 44.3360, 0.4640



104.4030, 6.2350, 2.6430



54.4480, 99.7600, 42.2880



14.8080, 27.3240, 11.4200

Previews

White Background



This preview shows how the YIQ color 195.8790, -51.6680, -21.7800 looks on a white background.

Color Contrast Check

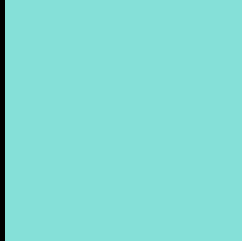
Large Text (above 18pt) WCAG AA × Fail

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 195.8790, -51.6680, -21.7800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

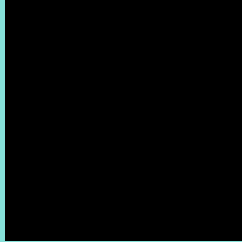
Any Text WCAG AA ✓ Pass

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 195.8790, -51.6680, -21.7800 Background



This preview shows how black text looks on a background with the YIQ color 195.8790, -51.6680, -21.7800.



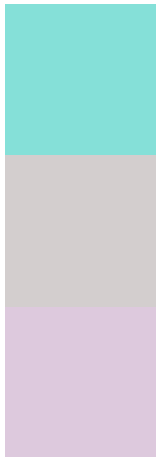
This preview shows how white text looks on a background with the YIQ color 195.8790, -51.6680, -21.7800.

-21.7800.

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

195.8790, -51.6680, -21.7800

Protanopia

207.4950, 2.9800, 1.0600

Deuteranopia

209.2600, 5.5000, 10.4600



Tritanopia

198.4200, -54.3290, -12.0970

Trichromacy



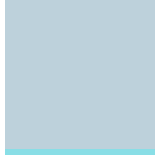
Original Color

195.8790, -51.6680, -21.7800



Protanomaly

203.6880, -16.9170, -7.2930



Deuteranomaly

204.1600, -15.1300, -1.1300



Tritanomaly

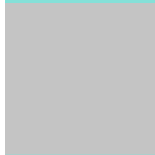
197.4970, -53.2280, -15.5320

Monochromacy



Original Color

195.8790, -51.6680, -21.7800



Achromatopsia

196.0000, -0.0000, -0.0000



Achromatomaly

195.7910, -18.7050, -7.9290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.8790, -51.6680, -21.7800 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(133, 224, 216)` looks like.

```
.text, #text, p{  
    color:rgb(133, 224, 216)  
}
```

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(133, 224, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 224, 216) }
```

Border

The CSS property to change the border of an element to YIQ 195.8790, -51.6680, -21.7800 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(133, 224, 216) }
```


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

```
.border{ border-color:rgb(133, 224, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 224, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 224, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 224, 216);  
box-shadow:4px 4px 4px 4px rgb(133, 224,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 195.8790, -51.6680, -21.7800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 224, 216) }
```

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

```
.background{ background-color: rgb(133,  
224, 216) }
```

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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