

Converting Colors

YIQ(187.5230, -38.9220,
-21.4980)

Have a look what the booklet for
YIQ(187.5230, -38.9220, -21.4980)
contains.

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Color

**YIQ(187.5230, -38.9220,
-21.4980)**

Conversions

Conversions Part 1

Format	Color
Hex	89D4C2
RGB	137, 212, 194
RGB Percent	54%, 83%, 76%
CMY	0.4629, 0.1685, 0.2394
CMYK	0.35, 0.00, 0.09, 0.17
HSL	166°, 47%, 68%
HSV	166°, 35%, 83%
XYZ	43.5935, 56.3104, 59.5892
YIQ	187.5230, -38.9220, -21.4980

Conversions

Conversions Part 2

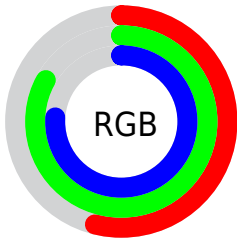
Format	Color
RYB	137, 180, 212
Decimal	9032898
CIELab	79.79, -27.29, 1.56
CIElCh	80, 27.338, 176.725
Yxy	56.3104, 0.2733, 0.3531
Android (android.graphics.Color)	4287222978 (0xFF89D4C2)
YUV	187.5230, 3.1932, -44.3087
Hunter-Lab	75.0403, -27.6235, 5.4462

Details

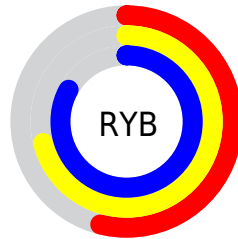
The YIQ color **187.5230, -38.9220, -21.4980** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **161.4770, 38.9220, 21.4980**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.8920, -35.3470, -14.6990**, and **132.9360, -38.6470, -20.9750** is the 20% darker color. If you saturate the color by 10%, you get **180.6740, -49.8330, -27.5050**, and if you desaturate by 10%, it is **194.3720, -28.0110, -15.4910**.

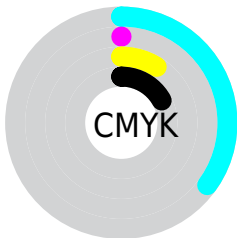
Distribution



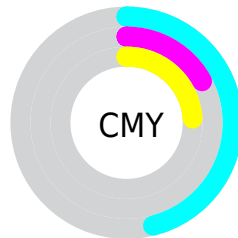
- Red (54%)
- Green (83%)
- Blue (76%)



- Red (54%)
- Yellow (71%)
- Blue (83%)



- Cyan (35%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)



- Cyan (46%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.5230, -38.9220, -21.4980 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 187.5230, -38.9220, -21.4980 by changing the saturation by 10% instead.

■ 187.5230,
-38.9220, -21.4980

■ 187.5230,
-38.9220, -21.4980

■ 255.0000, -0.0000,
-0.0000

■ 159.9360,
-38.6470, -20.9750

■ 235.8920,
-35.3470, -14.6990

■ 132.9360,
-38.6470, -20.9750

■ 244.8340,
-20.2640, -7.2080

■ 106.7510,
-39.5640, -20.8760

■ 253.8040, -2.3840,
-0.8480

■ 79.6690, -42.2690,
-21.4130

■ 55.1850, -43.7820,
-21.5260

■ 38.5890, -30.1200,
-15.8160

■ 23.8680, -17.6040,

-11.3640

■ 0.0000, 0.0000,
0.0000

■ 187.5230,
-38.9220, -21.4980

■ 187.5230,
-38.9220, -21.4980

■ 180.6740,
-49.8330, -27.5050

■ 194.3720,
-28.0110, -15.4910

■ 173.8250,
-60.7440, -33.5120

■ 201.2210,
-17.1000, -9.4840

■ 166.6770,
-72.2510, -39.7310

■ 208.3690, -5.5930,
-3.2650

■ 159.8280,
-83.1620, -45.7380

■ 215.2180, 5.3180,
2.7420

■ 152.8650,
-93.7520, -52.0560

■ 222.0670, 16.2290,
8.7490

■ 146.0160,
-104.6630, -58.0630

■ 226.3390, 21.4550,
13.1590

■ 142.7980,
-109.9810, -60.8050

■ 226.9090, 19.8500,
14.7140

■ 227.4790, 18.2450,
16.2690

■ 228.0490, 16.6400,
17.8240

Harmonies

Analogous

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



190.6860, -14.5760, -22.1920



187.5230, -38.9220, -21.4980



186.3010, -55.6120, -16.3800

Triad

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



187.5230, -38.9220, -21.4980



199.6080, -12.7950, 17.1330



199.3130, 41.5390, 1.5950

Complementary

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



187.5230, -38.9220, -21.4980



161.4770, 38.9220, 21.4980

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.



201.0610, 42.7290, 13.0730



187.5230, -38.9220, -21.4980



201.9440, 12.7420, 22.3900

Square

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



187.5230, -38.9220, -21.4980



194.9960, -37.7350, 6.5610



202.2420, 32.2740, 20.8340



196.7040, 29.7120, -9.8400

Rectangle

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



187.5230, -38.9220, -21.4980



187.3320, -56.8970, -9.6090



202.2420, 32.2740, 20.8340



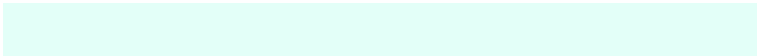
199.4320, 42.8220, 5.8780

Sweetspot

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



187.5230, -38.9220, -21.4980



245.8300, -14.4410, -8.1130



186.7060, -9.3010, -35.1970



122.4610, -8.8480, -4.8480



0.0000, 0.0000, 0.0000



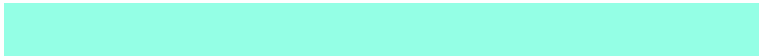
128.0000, -0.0000, -0.0000

Same Dimension

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



187.5230, -38.9220, -21.4980



220.0430, -55.4260, -30.7700



178.4220, -39.4750, -5.9630



103.4830, -5.9140, -2.9540



115.1970, -88.7550, -49.0030



29.0030, -22.4180, -12.2260

Inverse Universe

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



161.4770, 38.9220, 21.4980



182.9570, 55.4260, 30.7700



170.5780, 39.4750, 5.9630



99.6310, 5.5930, 3.2650



55.8030, 88.7550, 49.0030



13.9970, 22.4180, 12.2260

Previews

White Background



This preview shows how the YIQ color 187.5230, -38.9220, -21.4980 looks on a white background.

Color Contrast Check

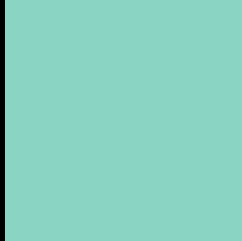
Large Text (above 18pt) WCAG AA × Fail

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 187.5230, -38.9220, -21.4980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

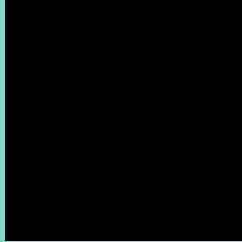
Any Text WCAG AA ✓ Pass

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 187.5230, -38.9220, -21.4980 Background



This preview shows how black text looks on a background with the YIQ color 187.5230, -38.9220, -21.4980.



This preview shows how white text looks on a background with the YIQ color 187.5230, -38.9220, -21.4980.

-21.4980.

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

187.5230, -38.9220, -21.4980

Protanopia

196.8390, 7.7030, -1.9370

Deuteranopia

198.9740, 12.0570, 7.2650



Tritanopia

190.6880, -43.2800, -8.5920

Trichromacy



Original Color

187.5230, -38.9220, -21.4980

Protanomaly

193.5270, -9.2140, -9.2300

Deuteranomaly

195.1840, -6.5100, -3.1660

Tritanomaly

189.1240, -41.8120, -13.1720

Monochromacy



Original Color

187.5230, -38.9220, -21.4980

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.8300, -14.4410, -8.1130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.5230, -38.9220, -21.4980 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(137, 212, 194)` looks like.

```
.text, #text, p{  
    color:rgb(137, 212, 194)  
}
```

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(137, 212, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 212, 194) }
```

Border

The CSS property to change the border of an element to YIQ 187.5230, -38.9220, -21.4980 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(137, 212, 194) }
```


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

```
.border{ border-color:rgb(137, 212, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 212, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 212, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 212, 194);  
box-shadow:4px 4px 4px 4px rgb(137, 212,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 187.5230, -38.9220, -21.4980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 212, 194) }
```

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

```
.background{ background-color: rgb(137,  
212, 194) }
```

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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