

Converting Colors

YIQ(172.6880, -35.2530,
-27.4210)

Have a look what the booklet for
YIQ(172.6880, -35.2530, -27.4210)
contains.

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Color

**YIQ(172.6880, -35.2530,
-27.4210)**

Conversions

Conversions Part 1

Format	Color
Hex	7AC8A5
RGB	122, 200, 165
RGB Percent	48%, 78%, 65%
CMY	0.5218, 0.2155, 0.3530
CMYK	0.39, 0.00, 0.18, 0.22
HSL	153°, 42%, 63%
HSV	153°, 39%, 78%
XYZ	35.4693, 48.1730, 43.0125
YIQ	172.6880, -35.2530, -27.4210

Conversions

Conversions Part 2

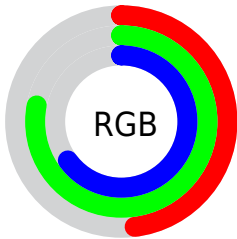
Format	Color
RYB	122, 172, 200
Decimal	8046757
CIELab	74.93, -31.98, 10.03
CIELCh	75, 33.517, 162.580
Yxy	48.1730, 0.2800, 0.3803
Android (android.graphics.Color)	4286236837 (0xFF7AC8A5)
YUV	172.6880, -3.7902, -44.4534
Hunter-Lab	69.4068, -30.2420, 11.8418

Details

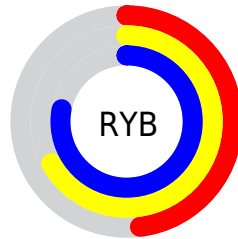
The YIQ color **172.6880, -35.2530, -27.4210** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **149.3120, 35.2530, 27.4210**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **227.6880, -35.2530, -27.4210**, and **118.9160, -35.8950, -26.7990** is the 20% darker color. If you saturate the color by 10%, you get **165.6820, -44.2840, -34.4600**, and if you desaturate by 10%, it is **179.6940, -26.2220, -20.3820**.

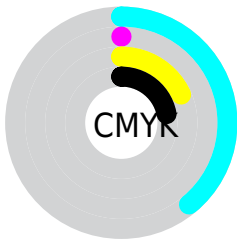
Distribution



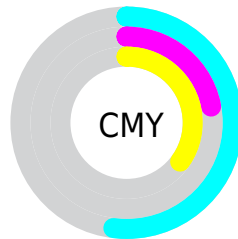
- Red (48%)
- Green (78%)
- Blue (65%)



- Red (48%)
- Yellow (67%)
- Blue (78%)



- Cyan (39%)
- Magenta (0%)
- Yellow (18%)
- Black (22%)



- Cyan (52%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.6880, -35.2530, -27.4210 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 172.6880, -35.2530, -27.4210 by changing the saturation by 10% instead.

■ 172.6880,
-35.2530, -27.4210

■ 172.6880,
-35.2530, -27.4210

■ 255.0000, -0.0000,
-0.0000

■ 145.2150,
-35.2990, -26.5870

■ 227.6880,
-35.2530, -27.4210

■ 118.9160,
-35.8950, -26.7990

■ 239.6650,
-27.2780, -12.2540

■ 92.5460, -37.7290,
-26.6010

■ 248.7210,
-12.5160, -4.4520

■ 63.1860, -45.5230,
-28.5230

■ 45.9920, -33.0530,
-23.2370

■ 30.0970, -19.9870,
-17.7390

■ 15.2620, -7.1500,

-13.5980

■ 0.0000, 0.0000,
0.0000

■ 172.6880,
-35.2530, -27.4210

■ 172.6880,
-35.2530, -27.4210

■ 165.6820,
-44.2840, -34.4600

■ 179.6940,
-26.2220, -20.3820

■ 158.6760,
-53.3150, -41.4990

■ 186.7000,
-17.1910, -13.3430

■ 151.6700,
-62.3460, -48.5380

■ 193.7060, -8.1600,
-6.3040

■ 144.6640,
-71.3770, -55.5770

■ 200.7120, 0.8710,
0.7350

■ 137.6580,
-80.4080, -62.6160

■ 207.7180, 9.9020,
7.7740

■ 130.6520,
-89.4390, -69.6550

■ 214.7240, 18.9330,
14.8130

■ 129.9400,
-90.3100, -70.3900

■ 219.6370, 23.7920,
20.3680

■ 220.6630, 20.9030,
23.1670

■ 221.6890, 18.0140,
25.9660

Harmonies

Analogous

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



177.4390, -3.7550, -25.5710



172.6880, -35.2530, -27.4210



167.3550, -64.8720, -24.7760

Triad

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



172.6880, -35.2530, -27.4210



183.9740, -31.5010, 14.7310



186.5040, 51.4870, 8.5350

Complementary

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



172.6880, -35.2530, -27.4210



149.3120, 35.2530, 27.4210

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.



187.6690, 47.1290, 21.4410



172.6880, -35.2530, -27.4210



188.4790, 1.0500, 25.0340

Square

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



172.6880, -35.2530, -27.4210



175.6770, -61.9420, -0.7740



188.9030, 29.1550, 27.8030



184.0540, 43.4660, -5.7980

Rectangle

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



172.6880, -35.2530, -27.4210



166.3570, -76.3810, -19.9410



188.9030, 29.1550, 27.8030



186.6660, 51.2110, 13.5390

Sweetspot

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



172.6880, -35.2530, -27.4210



244.1350, -13.9820, -10.9260



178.2510, -0.5900, -33.3740



121.5920, -7.8390, -6.6150



0.0000, 0.0000, 0.0000



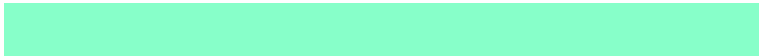
128.0000, -0.0000, -0.0000

Same Dimension

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



172.6880, -35.2530, -27.4210



212.9640, -54.1860, -42.2340



174.3300, -45.3880, -14.4440



95.8530, -4.0800, -3.1520



105.9410, -73.7150, -57.2590



23.4120, -16.3200, -12.6080

Inverse Universe

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



149.3120, 35.2530, 27.4210



177.0360, 54.1860, 42.2340



147.6700, 45.3880, 14.4440



93.1470, 4.0800, 3.1520



57.0590, 73.7150, 57.2590



12.5880, 16.3200, 12.6080

Previews

White Background



This preview shows how the YIQ color 172.6880, -35.2530, -27.4210 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 172.6880, -35.2530, -27.4210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

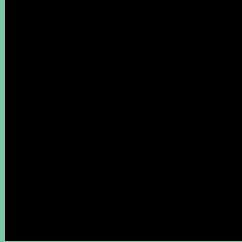
Any Text WCAG AA ✓ Pass

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 172.6880, -35.2530, -27.4210 Background



This preview shows how black text looks on a background with the YIQ color 172.6880, -35.2530, -27.4210.



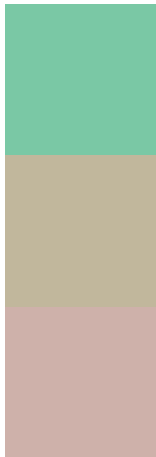
This preview shows how white text looks on a background with the YIQ color 172.6880, -35.2530, -27.4210.

-27.4210.

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

172.6880, -35.2530, -27.4210

Protanopia

182.9120, 14.6270, -6.2770

Deuteranopia

184.8730, 19.5310, 3.9710



Tritanopia

177.1720, -41.7670, -8.4790

Trichromacy



Original Color

172.6880, -35.2530, -27.4210



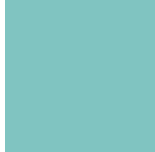
Protanomaly

179.0020, -3.4820, -13.9940



Deuteranomaly

180.0720, -0.5030, -7.4070



Tritanomaly

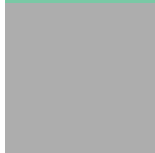
175.3260, -39.5650, -15.3490

Monochromacy



Original Color

172.6880, -35.2530, -27.4210



Achromatopsia

173.0000, -0.0000, 0.0000



Achromatomaly

172.8470, -13.1110, -10.1910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.6880, -35.2530, -27.4210 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(122, 200, 165)` looks like.

```
.text, #text, p{  
    color:rgb(122, 200, 165)  
}
```

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(122, 200, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 200, 165) }
```

Border

The CSS property to change the border of an element to YIQ 172.6880, -35.2530, -27.4210 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(122, 200, 165) }
```


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

```
.border{ border-color:rgb(122, 200, 165) }
```

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

Here you see how a box with a 4 pixel rgb(122, 200, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 200, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 200, 165);  
box-shadow:4px 4px 4px 4px rgb(122, 200,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 172.6880, -35.2530, -27.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 200, 165) }
```

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

```
.background{ background-color: rgb(122,  
200, 165) }
```

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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