

Converting Colors

YIQ(170.8080, -52.9060,
-21.3700)

Have a look what the booklet for
YIQ(170.8080, -52.9060, -21.3700)
contains.

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Color

**YIQ(170.8080, -52.9060,
-21.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	6BC7C1
RGB	107, 199, 193
RGB Percent	42%, 78%, 76%
CMY	0.5806, 0.2194, 0.2433
CMYK	0.46, 0.00, 0.03, 0.22
HSL	176°, 45%, 60%
HSV	176°, 46%, 78%
XYZ	36.1087, 47.8348, 57.7514
YIQ	170.8080, -52.9060, -21.3700

Conversions

Conversions Part 2

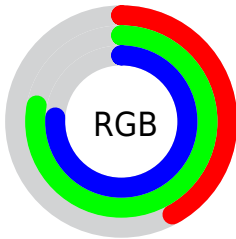
Format	Color
RYB	107, 155, 199
Decimal	7063489
CIELab	74.72, -28.91, -5.48
CIElCh	75, 29.425, 190.732
Yxy	47.8348, 0.2548, 0.3376
Android (android.graphics.Color)	4285253569 (0xFF6BC7C1)
YUV	170.8080, 10.9407, -55.9596
Hunter-Lab	69.1627, -27.8430, -1.0937

Details

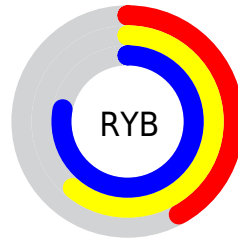
The YIQ color **170.8080, -52.9060, -21.3700** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **135.1920, 52.9060, 21.3700**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.1070, -52.3100, -21.1580**, and **115.4270, -56.2070, -22.1190** is the 20% darker color. If you saturate the color by 10%, you get **164.7140, -64.5050, -25.9210**, and if you desaturate by 10%, it is **176.9020, -41.3070, -16.8190**.

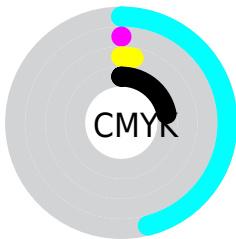
Distribution



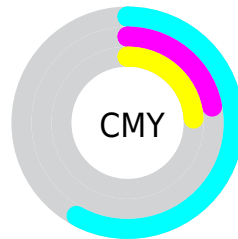
- Red (42%)
- Green (78%)
- Blue (76%)



- Red (42%)
- Yellow (61%)
- Blue (78%)



- Cyan (46%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (58%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.8080, -52.9060, -21.3700 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 170.8080, -52.9060, -21.3700 by changing the saturation by 10% instead.

■ 170.8080,
-52.9060, -21.3700

■ 170.8080,
-52.9060, -21.3700

■ 255.0000, -0.0000,
-0.0000

■ 143.2100,
-54.0980, -21.7940

■ 227.1070,
-52.3100, -21.1580

■ 115.1280,
-56.8030, -22.3310

■ 236.4620,
-36.9520, -13.1440

■ 82.8490, -69.3190,
-26.7830

■ 245.1330,
-19.6680, -6.9960

■ 65.4380, -54.7400,
-21.1720

■ 253.8040, -2.3840,
-0.8480

■ 48.6140, -40.4360,
-16.0840

■ 32.0180, -26.7740,
-10.3740

■ 17.9980, -14.8540,

-6.1340

■ 0.0000, 0.0000,
0.0000

■ 170.8080,
-52.9060, -21.3700

■ 170.8080,
-52.9060, -21.3700

■ 164.7140,
-64.5050, -25.9210

■ 176.9020,
-41.3070, -16.8190

■ 158.5060,
-75.7830, -30.7830

■ 183.1100,
-30.0290, -11.9570

■ 152.4120,
-87.3820, -35.3340

■ 189.2040,
-18.4300, -7.4060

■ 146.3180,
-98.9810, -39.8850

■ 195.2980, -6.8310,
-2.8550

■ 140.1100,
-110.2590, -44.7470

■ 201.2070, 3.8510,
1.7950

■ 138.0170,
-114.4310, -46.2310

■ 207.3010, 15.4500,
6.3460

■ 213.3950, 27.0490,
10.8970

■ 216.2000, 32.0920,
13.1160

■ 216.4280, 31.4500,
13.7380

Harmonies

Analogous

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



174.5040, -28.7430, -24.2550



170.8080, -52.9060, -21.3700



170.9890, -63.3610, -13.6090

Triad

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



170.8080, -52.9060, -21.3700



187.5880, -0.8750, 21.3730



183.9550, 39.4310, -4.2570

Complementary

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



170.8080, -52.9060, -21.3700



135.1920, 52.9060, 21.3700

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.



185.9810, 45.7100, 8.6060



170.8080, -52.9060, -21.3700



188.0440, 24.2040, 23.9160

Square

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



170.8080, -52.9060, -21.3700



183.4750, -28.6580, 12.7660



187.3800, 40.5730, 19.1090



181.1220, 22.4230, -15.4090

Rectangle

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



170.8080, -52.9060, -21.3700



174.4830, -58.6400, -5.5520



187.3800, 40.5730, 19.1090



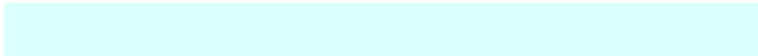
184.5580, 42.2270, 0.1390

Sweetspot

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



170.8080, -52.9060, -21.3700



244.0080, -20.8140, -8.2540



162.7980, -21.7240, -46.8440



121.1940, -12.4700, -5.2860



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.



170.8080, -52.9060, -21.3700



211.2170, -82.3390, -33.1150



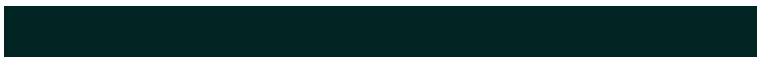
148.0120, -43.8320, 1.4160



96.3090, -5.3640, -1.9080



113.0090, -93.6170, -37.9770



24.8940, -20.4930, -8.5650

Inverse Universe

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



135.1920, 52.9060, 21.3700



155.8970, 82.0180, 33.4260



157.9880, 43.8320, -1.4160



92.6910, 5.3640, 1.9080



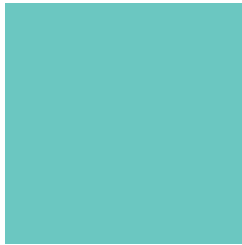
49.9910, 93.6170, 37.9770



10.9920, 20.8140, 8.2540

Previews

White Background



This preview shows how the YIQ color 170.8080, -52.9060, -21.3700 looks on a white background.

Color Contrast Check

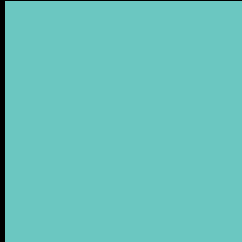
Large Text (above 18pt) WCAG AA × Fail

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 170.8080, -52.9060, -21.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

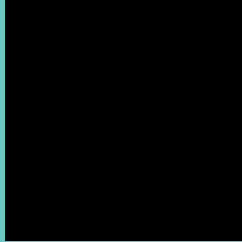
Any Text WCAG AA ✓ Pass

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 170.8080, -52.9060, -21.3700 Background



This preview shows how black text looks on a background with the YIQ color 170.8080, -52.9060, -21.3700.



This preview shows how white text looks on a background with the YIQ color 170.8080, -52.9060, -21.3700.

-21.3700.

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

170.8080, -52.9060, -21.3700

Protanopia

183.3100, 2.0630, 1.1590

Deuteranopia

185.0640, 3.1160, 9.6120



Tritanopia

173.0070, -54.6040, -12.6200

Trichromacy



Original Color

170.8080, -52.9060, -21.3700

Protanomaly

178.6170, -18.1550, -6.8830

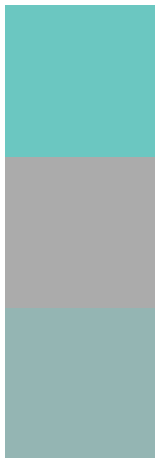
Deuteranomaly

179.9640, -17.5140, -1.9780

Tritanomaly

172.1980, -53.8240, -15.7440

Monochromacy



Original Color

170.8080, -52.9060, -21.3700

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.9050, -19.0260, -7.6180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.8080, -52.9060, -21.3700 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(107, 199, 193)` looks like.

```
.text, #text, p{  
    color:rgb(107, 199, 193)  
}
```

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(107, 199, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 199, 193) }
```

Border

The CSS property to change the border of an element to YIQ 170.8080, -52.9060, -21.3700 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(107, 199, 193) }
```


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

```
.border{ border-color:rgb(107, 199, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 199, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 199, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 199, 193);  
box-shadow:4px 4px 4px 4px rgb(107, 199,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 170.8080, -52.9060, -21.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 199, 193) }
```

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

```
.background{ background-color: rgb(107,  
199, 193) }
```

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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