

Converting Colors

YIQ(172.8370, -69.0450,
-20.7330)

Have a look what the booklet for
YIQ(172.8370, -69.0450, -20.7330)
contains.

YIQ(172.8370, -69.0450, -20.7330)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(172.8370, -69.0450,
-20.7330)**

Conversions

Conversions Part 1

Format	Color
Hex	5ECDD6
RGB	94, 205, 214
RGB Percent	37%, 80%, 84%
CMY	0.6316, 0.1959, 0.1611
CMYK	0.56, 0.04, 0.00, 0.16
HSL	184°, 59%, 60%
HSV	184°, 56%, 84%
XYZ	38.5803, 50.9126, 71.3641
YIQ	172.8370, -69.0450, -20.7330

Conversions

Conversions Part 2

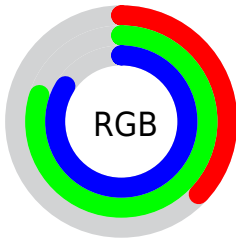
Format	Color
RYB	94, 152, 214
Decimal	6213078
CIELab	76.63, -29.04, -14.03
CIElCh	77, 32.253, 205.782
Yxy	50.9126, 0.2398, 0.3165
Android (android.graphics.Color)	4284403158 (0xFF5ECDD6)
YUV	172.8370, 20.2934, -69.1400
Hunter-Lab	71.3530, -28.3537, -9.3520

Details

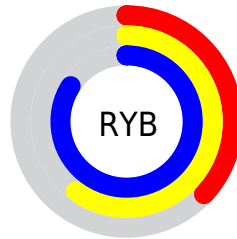
The YIQ color **172.8370, -69.0450, -20.7330** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **135.1630, 69.0450, 20.7330**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **224.8010, -60.1960, -21.4120**, and **110.0630, -84.5410, -26.2450** is the 20% darker color. If you saturate the color by 10%, you get **165.3840, -81.0110, -24.1390**, and if you desaturate by 10%, it is **180.2900, -57.0790, -17.3270**.

Distribution



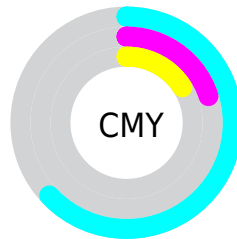
- Red (37%)
- Green (80%)
- Blue (84%)



- Red (37%)
- Yellow (60%)
- Blue (84%)



- Cyan (56%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (63%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.8370, -69.0450, -20.7330 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 172.8370, -69.0450, -20.7330 by changing the saturation by 10% instead.

■ 172.8370,
-69.0450, -20.7330

■ 172.8370,
-69.0450, -20.7330

■ 255.0000, -0.0000,
-0.0000

■ 143.3420,
-72.0250, -21.7930

■ 224.8010,
-60.1960, -21.4120

■ 110.0630,
-84.5410, -26.2450

■ 233.7710,
-42.3160, -15.0520

■ 87.9500, -76.7930,
-23.4890

■ 242.7410,
-24.4360, -8.6920

■ 70.4250, -61.8930,
-18.1890

■ 251.7110, -6.5560,
-2.3320

■ 53.6010, -47.5890,
-13.1010

■ 36.8910, -33.6060,
-7.7020

■ 23.2300, -21.3190,

-4.6070

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 172.8370,
-69.0450, -20.7330

■ 172.8370,
-69.0450, -20.7330

■ 165.3840,
-81.0110, -24.1390

■ 180.2900,
-57.0790, -17.3270

■ 158.2190,
-93.8480, -28.2800

■ 187.4550,
-44.2420, -13.1860

■ 150.7660,
-105.8140, -31.6860

■ 194.9080,
-32.2760, -9.7800

■ 143.6010,
-118.6510, -35.8270

■ 202.0730,
-19.4390, -5.6390

■ 140.6220,
-123.1440, -37.0000

■ 209.5260, -7.4730,
-2.2330

■ 216.9790, 4.4930,
1.1730

■ 224.1440, 17.3300,
5.3140

■ 228.6070, 23.3360,
6.6000

■ 229.1940, 23.0610,
6.0770

Harmonies

Analogous

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



175.6960, -46.8990, -25.6110



172.8370, -69.0450, -20.7330



176.4000, -68.7720, -9.1560

Triad

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



172.8370, -69.0450, -20.7330



193.6500, 13.7500, 26.1500



187.9880, 34.6640, -11.4800

Complementary

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



172.8370, -69.0450, -20.7330



135.1630, 69.0450, 20.7330

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.



190.2490, 47.5910, 2.0470



172.8370, -69.0450, -20.7330



193.2150, 36.9040, 25.0320

Square

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



172.8370, -69.0450, -20.7330



191.3350, -16.2800, 19.7200



191.8770, 49.2390, 16.2390



184.5720, 12.1080, -21.2040

Rectangle

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



172.8370, -69.0450, -20.7330



181.9660, -55.3860, 1.5580



191.8770, 49.2390, 16.2390



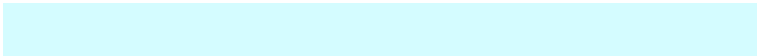
188.5590, 40.4860, -6.8580

Sweetspot

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



172.8370, -69.0450, -20.7330



240.3820, -24.8030, -7.5470



165.3520, -35.5680, -60.2720



119.0520, -14.9460, -4.4660



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.



172.8370, -69.0450, -20.7330



196.2400, -98.3410, -29.4530



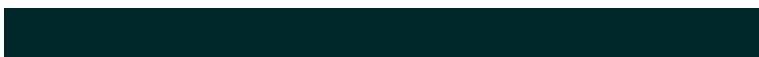
138.2040, -52.8200, 10.1240



103.1240, -6.2810, -1.8090



112.2400, -98.3410, -29.4530



28.3820, -24.8030, -7.5470

Inverse Universe

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



142.5340, 35.8890, 59.9610



153.1410, 51.1980, 85.3900



169.7960, 52.8200, -10.1240



100.4290, 3.3460, 5.4420



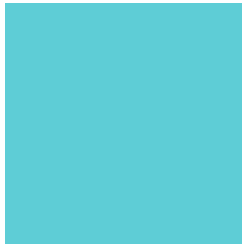
69.1410, 51.1980, 85.3900



17.4170, 12.7880, 21.5560

Previews

White Background



This preview shows how the YIQ color 172.8370, -69.0450, -20.7330 looks on a white background.

Color Contrast Check

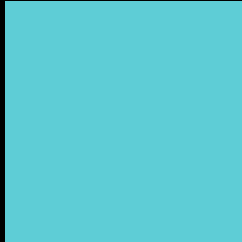
Large Text (above 18pt) WCAG AA × Fail

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 172.8370, -69.0450, -20.7330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

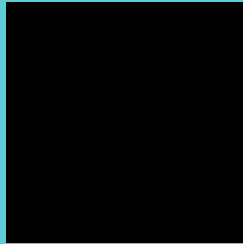
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

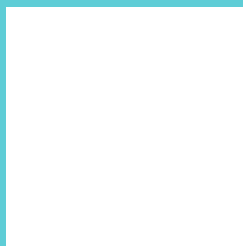
Any Text WCAG AAA ✓ Pass

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

YIQ 172.8370, -69.0450, -20.7330 Background



This preview shows how black text looks on a background with the YIQ color 172.8370, -69.0450, -20.7330.



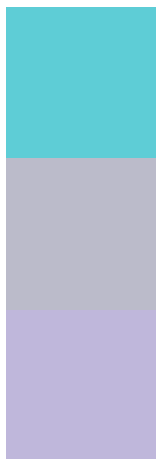
This preview shows how white text looks on a background with the YIQ color 172.8370, -69.0450, -20.7330.

-20.7330.

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

172.8370, -69.0450, -20.7330

Protanopia

188.7100, -4.8150, 4.6650

Deuteranopia

189.4960, -6.7880, 12.8920



Tritanopia

173.9450, -69.2290, -17.3970

Trichromacy



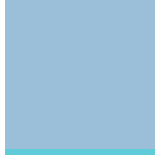
Original Color

172.8370, -69.0450, -20.7330



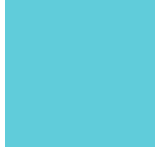
Protanomaly

183.1090, -28.2880, -4.9600



Deuteranomaly

183.4990, -29.2060, 0.6660



Tritanomaly

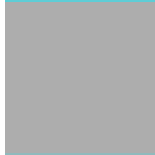
173.3040, -68.8620, -18.5420

Monochromacy



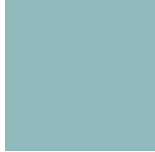
Original Color

172.8370, -69.0450, -20.7330



Achromatopsia

173.0000, -0.0000, 0.0000



Achromatomaly

173.0830, -25.3990, -7.7590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.8370, -69.0450, -20.7330 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(94, 205, 214)` looks like.

```
.text, #text, p{  
    color:rgb(94, 205, 214)  
}
```

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(94, 205, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 205, 214) }
```

Border

The CSS property to change the border of an element to YIQ 172.8370, -69.0450, -20.7330 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(94, 205, 214) }
```


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

```
.border{ border-color:rgb(94, 205, 214) }
```

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

Here you see how a box with a 4 pixel rgb(94, 205, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 205, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 205, 214);  
box-shadow:4px 4px 4px 4px rgb(94, 205,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 172.8370, -69.0450, -20.7330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 205, 214) }
```

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

```
.background{ background-color: rgb(94, 205,  
214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor