

Converting Colors

YIQ(177.5670, -42.2220,
-27.7740)

Have a look what the booklet for
YIQ(177.5670, -42.2220, -27.7740)
contains.

YIQ(177.5670, -42.2220, -27.7740)	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(177.5670, -42.2220,
-27.7740)**

Conversions

Conversions Part 1

Format	Color
Hex	78CFB1
RGB	120, 207, 177
RGB Percent	47%, 81%, 69%
CMY	0.5296, 0.1881, 0.3060
CMYK	0.42, 0.00, 0.15, 0.19
HSL	159°, 48%, 64%
HSV	159°, 42%, 81%
XYZ	37.9916, 51.8051, 49.5728
YIQ	177.5670, -42.2220, -27.7740

Conversions

Conversions Part 2

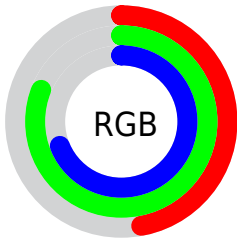
Format	Color
RYB	120, 173, 207
Decimal	7917489
CIELab	77.16, -33.25, 6.77
CIELCh	77, 33.936, 168.496
Yxy	51.8051, 0.2726, 0.3717
Android (android.graphics.Color)	4286107569 (0xFF78CFB1)
YUV	177.5670, -0.2795, -50.4863
Hunter-Lab	71.9758, -31.7386, 9.5475

Details

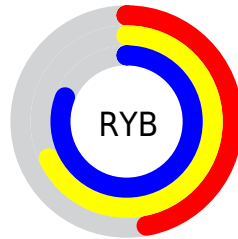
The YIQ color **177.5670, -42.2220, -27.7740** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **149.4330, 42.2220, 27.7740**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.8710, -40.0220, -23.5900**, and **122.7950, -42.8640, -27.1520** is the 20% darker color. If you saturate the color by 10%, you get **170.4900, -52.4910, -34.4030**, and if you desaturate by 10%, it is **184.6440, -31.9530, -21.1450**.

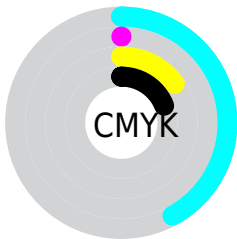
Distribution



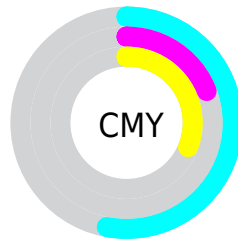
- Red (47%)
- Green (81%)
- Blue (69%)



- Red (47%)
- Yellow (68%)
- Blue (81%)



- Cyan (42%)
- Magenta (0%)
- Yellow (15%)
- Black (19%)



- Cyan (53%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.5670, -42.2220, -27.7740 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 177.5670, -42.2220, -27.7740 by changing the saturation by 10% instead.

■ 177.5670,
-42.2220, -27.7740

■ 177.5670,
-42.2220, -27.7740

■ 255.0000, -0.0000,
-0.0000

■ 149.6810,
-42.5430, -27.4630

■ 228.8710,
-40.0220, -23.5900

■ 122.7950,
-42.8640, -27.1520

■ 239.7510,
-30.3960, -10.8120

■ 95.5280, -46.4860,
-27.5900

■ 248.7210,
-12.5160, -4.4520

■ 67.3640, -51.8960,
-28.6640

■ 50.6540, -37.9130,
-23.2650

■ 34.1720, -24.5720,
-17.2440

■ 20.2830, -11.6430,

-14.7710

■ 0.0000, 0.0000,
0.0000

■ 177.5670,
-42.2220, -27.7740

■ 177.5670,
-42.2220, -27.7740

■ 170.4900,
-52.4910, -34.4030

■ 184.6440,
-31.9530, -21.1450

■ 163.7120,
-62.1640, -40.8200

■ 191.4220,
-22.2800, -14.7280

■ 156.6350,
-72.4330, -47.4490


■ 198.4990,
-12.0110, -8.0990

■ 149.4440,
-82.3810, -54.3890

■ 205.6900, -2.0630,
-1.1590

■ 142.3670,
-92.6500, -61.0180


■ 212.4680, 7.6100,
5.2580

 137.0130,
-100.5810, -65.9650

 219.5450, 17.8790,
11.8870

 223.6320, 22.1880,
16.3960

 224.4300, 19.9410,
18.5730

 225.2280, 17.6940,
20.7500

Harmonies

Analogous

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



182.9760, -9.7610, -26.8570



177.5670, -42.2220, -27.7740



173.1310, -70.0530, -24.4930

Triad

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



177.5670, -42.2220, -27.7740



191.4910, -25.5870, 17.6850



191.9230, 51.6250, 6.0330

Complementary

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



177.5670, -42.2220, -27.7740



149.4330, 42.2220, 27.7740

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.



193.8710, 49.3760, 19.2640



177.5670, -42.2220, -27.7740



195.2410, 7.6520, 26.5320

Square

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



177.5670, -42.2220, -27.7740



183.4220, -56.6700, 2.8020



195.1270, 34.3360, 27.5200



189.3910, 40.8990, -8.8370

Rectangle

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



177.5670, -42.2220, -27.7740



173.0410, -78.3070, -18.0750



195.1270, 34.3360, 27.5200



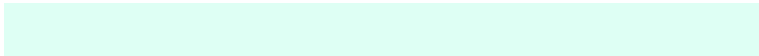
192.5690, 52.8620, 11.1500

Sweetspot

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



177.5670, -42.2220, -27.7740



243.8790, -16.1370, -10.4170



180.0390, -6.0450, -39.1410



120.8090, -9.9480, -6.9400



0.0000, 0.0000, 0.0000



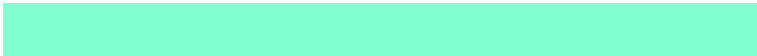
128.0000, -0.0000, -0.0000

Same Dimension

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



177.5670, -42.2220, -27.7740



212.0110, -61.5680, -40.6080



173.3560, -48.2770, -11.6450



101.2550, -5.2720, -3.5760



111.1560, -81.5100, -53.6540



27.1450, -19.9420, -13.0460

Inverse Universe

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



149.4330, 42.2220, 27.7740



170.9890, 61.5680, 40.6080



153.6440, 48.2770, 11.6450



97.7450, 5.2720, 3.5760



56.8440, 81.5100, 53.6540



13.8550, 19.9420, 13.0460

Previews

White Background



This preview shows how the YIQ color 177.5670, -42.2220, -27.7740 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 177.5670, -42.2220, -27.7740 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

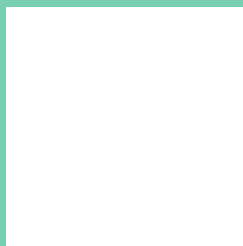
Any Text WCAG AAA ✓ Pass

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

YIQ 177.5670, -42.2220, -27.7740 Background



This preview shows how black text looks on a background with the YIQ color 177.5670, -42.2220, -27.7740.



This preview shows how white text looks on a background with the YIQ color 177.5670, -42.2220, -27.7740.

-27.7740.

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

177.5670, -42.2220, -27.7740

Protanopia

189.1830, 12.4260, -4.9340

Deuteranopia

191.2580, 17.0090, 5.6250



Tritanopia

181.7090, -47.7730, -9.7650

Trichromacy



Original Color

177.5670, -42.2220, -27.7740



Protanomaly

185.3760, -7.4710, -13.2870



Deuteranomaly

186.4460, -4.4920, -6.7000



Tritanomaly

179.9770, -45.8920, -16.3240

Monochromacy



Original Color

177.5670, -42.2220, -27.7740



Achromatopsia

178.0000, -0.0000, -0.0000



Achromatomaly

178.1780, -15.5410, -10.2050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.5670, -42.2220, -27.7740 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(120, 207, 177)` looks like.

```
.text, #text, p{  
    color:rgb(120, 207, 177)  
}
```

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(120, 207, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 207, 177) }
```

Border

The CSS property to change the border of an element to YIQ 177.5670, -42.2220, -27.7740 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(120, 207, 177) }
```


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

```
.border{ border-color:rgb(120, 207, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 207, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 207, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 207, 177);  
box-shadow:4px 4px 4px 4px rgb(120, 207,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 177.5670, -42.2220, -27.7740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 207, 177) }
```

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

```
.background{ background-color: rgb(120,  
207, 177) }
```

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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