

Converting Colors

YIQ(172.9490, -23.4670,
-42.7870)

Have a look what the booklet for
YIQ(172.9490, -23.4670, -42.7870)
contains.

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Color

**YIQ(172.9490, -23.4670,
-42.7870)**

Conversions

Conversions Part 1

Format	Color
Hex	7CCF7E
RGB	124, 207, 126
RGB Percent	49%, 81%, 49%
CMY	0.5140, 0.1881, 0.5059
CMYK	0.40, 0.00, 0.39, 0.19
HSL	121°, 46%, 65%
HSV	121°, 40%, 81%
XYZ	34.3897, 50.4290, 27.6573
YIQ	172.9490, -23.4670, -42.7870

Conversions

Conversions Part 2

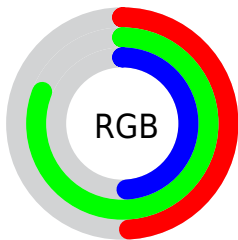
Format	Color
RYB	124, 205, 207
Decimal	8179582
CIELab	76.33, -41.70, 32.53
CIElCh	76, 52.884, 142.038
Yxy	50.4290, 0.3058, 0.4484
Android (android.graphics.Color)	4286369662 (0xFF7CCF7E)
YUV	172.9490, -23.1459, -42.9283
Hunter-Lab	71.0134, -37.8311, 26.6179

Details

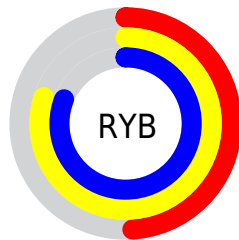
The YIQ color **172.9490, -23.4670, -42.7870** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **158.0510, 23.4670, 42.7870**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **223.9110, -20.3040, -39.5360**, and **118.5190, -25.0720, -41.2320** is the 20% darker color. If you saturate the color by 10%, you get **164.3900, -29.5630, -53.4590**, and if you desaturate by 10%, it is **181.5080, -17.3710, -32.1150**.

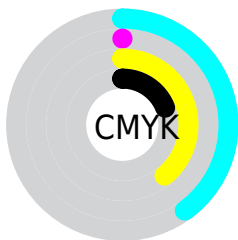
Distribution



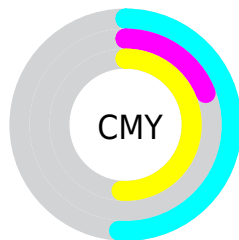
- Red (49%)
- Green (81%)
- Blue (49%)



- Red (49%)
- Yellow (80%)
- Blue (81%)



- Cyan (40%)
- Magenta (0%)
- Yellow (39%)
- Black (19%)



- Cyan (51%)
- Magenta (19%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.9490, -23.4670, -42.7870 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 172.9490, -23.4670, -42.7870 by changing the saturation by 10% instead.

■ 172.9490,
-23.4670, -42.7870

■ 172.9490,
-23.4670, -42.7870

■ 255.0000, -0.0000,
-0.0000

■ 145.4760,
-23.5130, -41.9530

■ 223.9110,
-20.3040, -39.5360

■ 118.5190,
-25.0720, -41.2320

■ 235.4750,
-12.6040, -24.8920

■ 91.8500, -27.5020,
-41.2460

■ 247.7510, -4.0330,
-9.5130

■ 61.8920, -36.4880,
-43.5920

■ 44.3670, -21.5880,
-38.2920

■ 30.5240, -14.3000,
-27.1960

■ 17.6100, -8.2500,

-15.6900

■ 0.0000, 0.0000,
0.0000

■ 172.9490,
-23.4670, -42.7870

■ 172.9490,
-23.4670, -42.7870

■ 164.3900,
-29.5630, -53.4590

■ 181.5080,
-17.3710, -32.1150

■ 156.1300,
-35.0630, -63.9190

■ 189.7680,
-11.8710, -21.6550

■ 147.4570,
-40.8380, -74.9020


■ 198.4410, -6.0960,
-10.6720


■ 138.8980,
-46.9340, -85.5740


■ 207.0000, 0.0000,
-0.0000

■ 130.3390,
-53.0300, -96.2460

■ 215.2600, 5.5000,
10.4600

 122.0790,
-58.5300, -106.7060

 223.8190, 11.5960,
21.1320

 226.8240, 13.2000,
25.1040

Harmonies

Analogous

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



180.1860, 24.3980, -34.6900



172.9490, -23.4670, -42.7870



148.3520, -105.4890, -54.1050

Triad

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



172.9490, -23.4670, -42.7870



163.8450, -97.8860, -10.1580



181.8510, 61.2960, 23.5040

Complementary

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



172.9490, -23.4670, -42.7870



158.0510, 23.4670, 42.7870

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.



186.8500, 45.8420, 39.2660



172.9490, -23.4670, -42.7870



186.4460, -29.7140, 20.8940

Square

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



172.9490, -23.4670, -42.7870



151.1660, -139.0550, -29.4790



194.0440, 16.1770, 42.7450



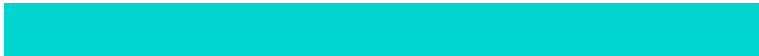
184.8080, 70.8820, 3.9540

Rectangle

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



172.9490, -23.4670, -42.7870



148.6290, -125.0220, -47.0220



194.0440, 16.1770, 42.7450



182.5010, 56.7100, 29.5260

Sweetspot

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



172.9490, -23.4670, -42.7870



242.3110, -8.8460, -15.9020



197.2390, 26.0470, -26.0250



120.5660, -4.9500, -9.4140



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.



172.9490, -23.4670, -42.7870



204.9560, -34.5130, -62.8730



177.6230, -36.6280, -30.0360



100.4570, -3.0250, -5.7530



99.0720, -47.4840, -86.6200



24.1810, -11.5960, -21.1320

Inverse Universe

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



158.0510, 23.4670, 42.7870



183.0440, 34.5130, 62.8730



153.3770, 36.6280, 30.0360



98.4290, 3.3460, 5.4420



68.9280, 47.4840, 86.6200



16.8190, 11.5960, 21.1320

Previews

White Background



This preview shows how the YIQ color 172.9490, -23.4670, -42.7870 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 172.9490, -23.4670, -42.7870 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 172.9490, -23.4670, -42.7870 Background



This preview shows how black text looks on a background with the YIQ color 172.9490, -23.4670, -42.7870.



This preview shows how white text looks on a background with the YIQ color 172.9490, -23.4670, -42.7870.

-42.7870.

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

172.9490, -23.4670, -42.7870

Protanopia

184.2170, 32.2810, -17.8550

Deuteranopia

186.7980, 41.3110, -5.2890



Tritanopia

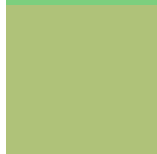
181.9660, -38.1910, -7.2070

Trichromacy



Original Color

172.9490, -23.4670, -42.7870



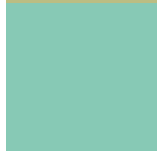
Protanomaly

179.9970, 12.1090, -26.7310



Deuteranomaly

181.6760, 17.7470, -18.7730



Tritanomaly

178.9860, -32.9160, -20.2120

Monochromacy



Original Color

172.9490, -23.4670, -42.7870



Achromatopsia

173.0000, -0.0000, 0.0000



Achromatomaly

172.7240, -8.5710, -15.3790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.9490, -23.4670, -42.7870 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(124, 207, 126)` looks like.

```
.text, #text, p{  
    color:rgb(124, 207, 126)  
}
```

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(124, 207, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 207, 126) }
```

Border

The CSS property to change the border of an element to YIQ 172.9490, -23.4670, -42.7870 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(124, 207, 126) }
```


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

```
.border{ border-color:rgb(124, 207, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 207, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 207, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 207, 126);  
box-shadow:4px 4px 4px 4px rgb(124, 207,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 172.9490, -23.4670, -42.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 207, 126) }
```

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

```
.background{ background-color: rgb(124,  
207, 126) }
```

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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