

Converting Colors

YIQ(179.7900, -10.0780,
-48.6540)

Have a look what the booklet for
YIQ(179.7900, -10.0780, -48.6540)
contains.

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Color

**YIQ(179.7900, -10.0780,
-48.6540)**

Conversions

Conversions Part 1

Format	Color
Hex	8CD66C
RGB	140, 214, 108
RGB Percent	55%, 84%, 42%
CMY	0.4512, 0.1606, 0.5764
CMYK	0.35, 0.00, 0.50, 0.16
HSL	102°, 56%, 63%
HSV	102°, 50%, 84%
XYZ	37.5665, 54.7618, 22.7805
YIQ	179.7900, -10.0780, -48.6540

Conversions

Conversions Part 2

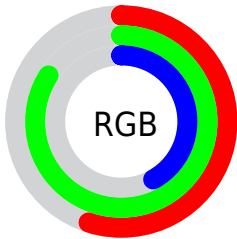
Format	Color
RYB	108, 214, 182
Decimal	9229932
CIELab	78.90, -42.13, 44.90
CIElCh	79, 61.569, 133.181
Yxy	54.7618, 0.3264, 0.4757
Android (android.graphics.Color)	4287420012 (0xFF8CD66C)
YUV	179.7900, -35.3925, -34.8958
Hunter-Lab	74.0012, -38.8870, 33.5490

Details

The YIQ color **179.7900, -10.0780, -48.6540** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **142.2100, 10.0780, 48.6540**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.6430, -4.9900, -41.7420**, and **125.2460, -11.3620, -47.4100** is the 20% darker color. If you saturate the color by 10%, you get **172.9110, -12.2770, -58.3650**, and if you desaturate by 10%, it is **186.6690, -7.8790, -38.9430**.

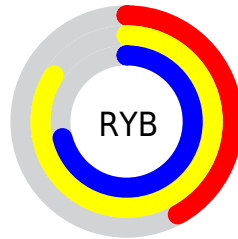
Distribution



Red (55%)

Green (84%)

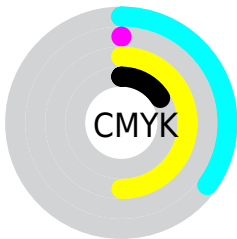
Blue (42%)



Red (42%)

Yellow (84%)

Blue (71%)

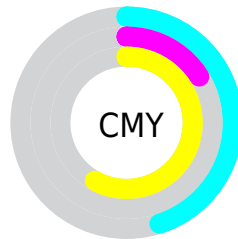


Cyan (35%)

Magenta (0%)

Yellow (50%)

Black (16%)



Cyan (45%)

Magenta (16%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.7900, -10.0780, -48.6540 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 179.7900, -10.0780, -48.6540 by changing the saturation by 10% instead.

■ 179.7900,
-10.0780, -48.6540

■ 179.7900,
-10.0780, -48.6540

■ 255.0000, -0.0000,
-0.0000

■ 152.0180,
-10.7200, -48.0320

■ 226.6430, -4.9900,
-41.7420

■ 125.2460,
-11.3620, -47.4100

■ 238.5060, 3.3060,
-26.8860

■ 97.9470, -11.9580,
-47.6220

■ 250.6680, 12.1980,
-11.8180

■ 69.6970, -14.2500,
-50.1380

■ 253.9740, 2.8890,
-2.7990

■ 48.1340, -22.5500,
-42.8860

■ 34.0460, -15.9500,
-30.3340

■ 21.7190, -10.1750,

-19.3510

■ 0.0000, 0.0000,
0.0000

■ 179.7900,
-10.0780, -48.6540

■ 179.7900,
-10.0780, -48.6540

■ 172.9110,
-12.2770, -58.3650

■ 186.6690, -7.8790,
-38.9430

■ 165.9180,
-14.1550, -68.3870

■ 193.6620, -6.0010,
-28.9210

■ 159.0390,
-16.3540, -78.0980

■ 200.5410, -3.8020,
-19.2100

■ 152.0460,
-18.2320, -88.1200

■ 207.5340, -1.9240,
-9.1880

■ 145.1670,
-20.4310, -97.8310

■ 214.4130, 0.2750,
0.5230

■ 144.7540,
-20.7060, -98.3540

■ 221.2920, 2.4740,
10.2340

■ 227.9430, 5.3150,
19.3230

■ 230.9330, 11.2750,
21.4430

Harmonies

Analogous

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



187.1740, 41.8670, -37.4050



179.7900, -10.0780, -48.6540



153.6370, -102.2780, -62.7420

Triad

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



179.7900, -10.0780, -48.6540



152.9270, -139.8800, -31.0480



181.5550, 56.6180, 31.1940

Complementary

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



179.7900, -10.0780, -48.6540



142.2100, 10.0780, 48.6540

Split Complementary

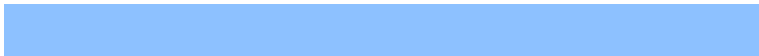
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



190.5150, 36.9000, 47.1400



179.7900, -10.0780, -48.6540



184.5200, -50.8940, 8.2580

Square

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



179.7900, -10.0780, -48.6540



158.7970, -142.6300, -36.2780



198.2280, 9.6670, 39.5790



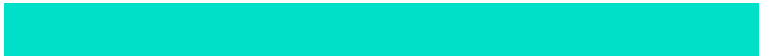
183.1440, 70.0560, 7.9120

Rectangle

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



179.7900, -10.0780, -48.6540



154.2880, -125.8000, -54.9520



198.2280, 9.6670, 39.5790



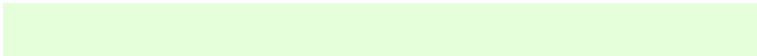
183.1340, 50.7940, 37.6260

Sweetspot

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



179.7900, -10.0780, -48.6540



242.5950, -3.8940, -17.5420



181.9580, 43.3760, -15.1840



120.2950, -2.7490, -10.7570



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.



179.7900, -10.0780, -48.6540



206.5050, -14.4300, -68.9100



172.3880, -35.2490, -49.5290



103.6530, -0.6410, -4.9050



115.6260, -16.6290, -78.6210



29.1280, -4.0770, -19.7330

Inverse Universe

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



142.2100, 10.0780, 48.6540



153.4950, 14.4300, 68.9100



149.6120, 35.2490, 49.5290



99.6460, 1.2370, 5.1170



55.0750, 16.0330, 78.4090



13.8720, 4.0770, 19.7330

Previews

White Background



This preview shows how the YIQ color 179.7900, -10.0780, -48.6540 looks on a white background.

Color Contrast Check

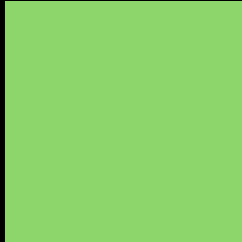
Large Text (above 18pt) WCAG AA × Fail

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 179.7900, -10.0780, -48.6540 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 179.7900, -10.0780, -48.6540 Background



This preview shows how black text looks on a background with the YIQ color 179.7900, -10.0780, -48.6540.



This preview shows how white text looks on a background with the YIQ color 179.7900, -10.0780, -48.6540.

-48.6540.

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

179.7900, -10.0780, -48.6540

Protanopia

189.9650, 41.4980, -25.2060

Deuteranopia

192.8560, 52.5910, -11.4810



Tritanopia

190.6680, -31.3600, -4.3520

Trichromacy



Original Color

179.7900, -10.0780, -48.6540

Protanomaly

186.3430, 22.5180, -33.6580

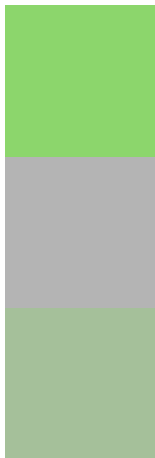
Deuteranomaly

187.9190, 29.9440, -25.0640

Tritanomaly

186.3630, -23.7920, -20.3680

Monochromacy



Original Color

179.7900, -10.0780, -48.6540

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.5950, -3.8940, -17.5420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.7900, -10.0780, -48.6540 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(140, 214, 108)` looks like.

```
.text, #text, p{  
    color:rgb(140, 214, 108)  
}
```

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(140, 214, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 214, 108) }
```

Border

The CSS property to change the border of an element to YIQ 179.7900, -10.0780, -48.6540 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(140, 214, 108) }
```


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

```
.border{ border-color:rgb(140, 214, 108) }
```

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

Here you see how a box with a 4 pixel rgb(140, 214, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 214, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 214, 108);  
box-shadow:4px 4px 4px 4px rgb(140, 214,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 179.7900, -10.0780, -48.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 214, 108) }
```

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

```
.background{ background-color: rgb(140,  
214, 108) }
```

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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