

Converting Colors

YIQ(182.9190, -49.1450,
-28.9610)

Have a look what the booklet for
YIQ(182.9190, -49.1450, -28.9610)
contains.

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Color

**YIQ(182.9190, -49.1450,
-28.9610)**

Conversions

Conversions Part 1

Format	Color
Hex	76D7BC
RGB	118, 215, 188
RGB Percent	46%, 84%, 74%
CMY	0.5375, 0.1567, 0.2629
CMYK	0.45, 0.00, 0.13, 0.16
HSL	163°, 55%, 65%
HSV	163°, 45%, 84%
XYZ	40.8458, 56.0977, 56.2270
YIQ	182.9190, -49.1450, -28.9610

Conversions

Conversions Part 2

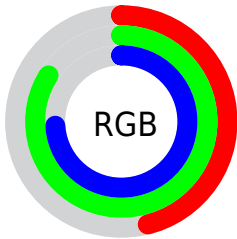
Format	Color
RYB	118, 174, 215
Decimal	7788476
CIELab	79.67, -35.05, 4.49
CIELCh	80, 35.338, 172.700
Yxy	56.0977, 0.2667, 0.3662
Android (android.graphics.Color)	4285978556 (0xFF76D7BC)
YUV	182.9190, 2.5049, -56.9340
Hunter-Lab	74.8984, -33.7274, 7.9192

Details

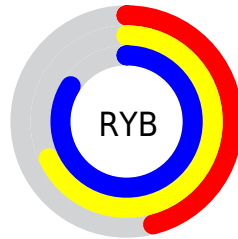
The YIQ color **182.9190, -49.1450, -28.9610** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **150.0810, 49.1450, 28.9610**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.8260, -44.1490, -20.3810**, and **127.2500, -51.5750, -28.9750** is the 20% darker color. If you saturate the color by 10%, you get **175.6570, -60.3310, -35.4910**, and if you desaturate by 10%, it is **189.8820, -38.5550, -22.6430**.

Distribution



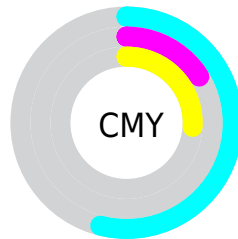
- Red (46%)
- Green (84%)
- Blue (74%)



- Red (46%)
- Yellow (68%)
- Blue (84%)



- Cyan (45%)
- Magenta (0%)
- Yellow (13%)
- Black (16%)



- Cyan (54%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 182.9190, -49.1450, -28.9610 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 182.9190, -49.1450, -28.9610 by changing the saturation by 10% instead.

■ 182.9190,
-49.1450, -28.9610

■ 182.9190,
-49.1450, -28.9610

■ 255.0000, -0.0000,
-0.0000

■ 155.0330,
-49.4660, -28.6500

■ 229.8260,
-44.1490, -20.3810

■ 127.2500,
-51.5750, -28.9750

■ 239.7510,
-30.3960, -10.8120

■ 97.9720, -56.6640,
-30.3600

■ 248.4220,
-13.1120, -4.6640

■ 72.4990, -56.7100,
-29.5260

■ 55.7890, -42.7270,
-24.1270

■ 39.1930, -29.0650,
-18.4170

■ 24.5860, -16.8700,

-13.6540

■ 0.0000, 0.0000,
0.0000

■ 182.9190,
-49.1450, -28.9610

■ 182.9190,
-49.1450, -28.9610

■ 175.6570,
-60.3310, -35.4910

■ 189.8820,
-38.5550, -22.6430

■ 168.6940,
-70.9210, -41.8090

■ 197.1440,
-27.3690, -16.1130

■ 161.4320,
-82.1070, -48.3390


■ 204.1070,
-16.7790, -9.7950


■ 154.4690,
-92.6970, -54.6570


■ 211.3690, -5.5930,
-3.2650


■ 147.2070,
-103.8830, -61.1870


■ 218.3320, 4.9970,
3.0530

 143.8750,
-108.8800, -64.2400

 225.5940, 16.1830,
9.5830

 228.6700, 19.0250,
13.1450

 229.3540, 17.0990,
15.0110

 230.0380, 15.1730,
16.8770

Harmonies

Analogous

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



188.6980, -14.8500, -28.2420



182.9190, -49.1450, -28.9610



178.1240, -77.3430, -24.5350

Triad

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



182.9190, -49.1450, -28.9610



198.8830, -20.8190, 19.3810



198.8260, 53.2760, 3.6440

Complementary

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



182.9190, -49.1450, -28.9610



150.0810, 49.1450, 28.9610

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.



198.2190, 48.2760, 17.1720



182.9190, -49.1450, -28.9610



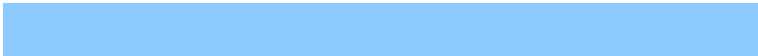
202.1600, 12.3740, 29.0620

Square

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



182.9190, -49.1450, -28.9610



190.3900, -53.6440, 3.0280



201.3940, 37.9580, 27.9580



196.5110, 40.4410, -11.5510

Rectangle

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



182.9190, -49.1450, -28.9610



179.4150, -82.2960, -17.3680



201.3940, 37.9580, 27.9580



198.2870, 53.5960, 8.8600

Sweetspot

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



182.9190, -49.1450, -28.9610



243.0960, -18.2460, -10.7420



183.0120, -10.5830, -45.0070



120.6240, -10.8650, -6.8410



0.0000, 0.0000, 0.0000



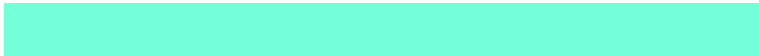
128.0000, -0.0000, -0.0000

Same Dimension

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



182.9190, -49.1450, -28.9610



209.4060, -70.0500, -41.0740



173.6700, -52.0370, -9.5810



103.3690, -5.5930, -3.2650



114.3990, -86.5080, -51.1800



28.7750, -21.7760, -12.8480

Inverse Universe

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



150.0810, 49.1450, 28.9610



162.7080, 69.7290, 41.3850



159.3300, 52.0370, 9.5810



99.6310, 5.5930, 3.2650



56.6010, 86.5080, 51.1800



14.2250, 21.7760, 12.8480

Previews

White Background



This preview shows how the YIQ color 182.9190, -49.1450, -28.9610 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 182.9190, -49.1450, -28.9610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

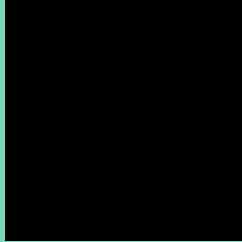
Any Text WCAG AA ✓ Pass

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 182.9190, -49.1450, -28.9610 Background



This preview shows how black text looks on a background with the YIQ color 182.9190, -49.1450, -28.9610.



This preview shows how white text looks on a background with the YIQ color 182.9190, -49.1450, -28.9610.

-28.9610.

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

182.9190, -49.1450, -28.9610

Protanopia

196.3400, 10.5460, -3.9020

Deuteranopia

198.1160, 14.5330, 6.4450



Tritanopia

187.6050, -53.4120, -12.1960

Trichromacy



Original Color

182.9190, -49.1450, -28.9610



Protanomaly

191.6360, -11.1390, -12.8910



Deuteranomaly

192.4070, -8.7560, -6.5160



Tritanomaly

185.9870, -51.8520, -18.4440

Monochromacy



Original Color

182.9190, -49.1450, -28.9610



Achromatopsia

183.0000, -0.0000, -0.0000



Achromatomaly

183.0960, -18.2460, -10.7420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.9190, -49.1450, -28.9610 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(118, 215, 188)` looks like.

```
.text, #text, p{  
    color:rgb(118, 215, 188)  
}
```

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(118, 215, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 215, 188) }
```

Border

The CSS property to change the border of an element to YIQ 182.9190, -49.1450, -28.9610 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(118, 215, 188) }
```


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

```
.border{ border-color:rgb(118, 215, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 215, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 215, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 215, 188); box-shadow:4px 4px 4px 4px rgb(118, 215, 188) }
```

Background

The CSS property to change the background color of an element to YIQ 182.9190, -49.1450, -28.9610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 215, 188) }
```

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

```
.background{ background-color: rgb(118,  
215, 188) }
```

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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