

Converting Colors

YIQ(149.4790, 44.6080, 17.5680)

Have a look what the booklet for
YIQ(149.4790, 44.6080, 17.5680)
contains.

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Color

**YIQ(149.4790, 44.6080,
17.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	CB7E82
RGB	203, 126, 130
RGB Percent	80%, 49%, 51%
CMY	0.2037, 0.5060, 0.4900
CMYK	0.00, 0.38, 0.36, 0.20
HSL	357°, 43%, 65%
HSV	357°, 38%, 80%
XYZ	36.1305, 29.2295, 24.8723
YIQ	149.4790, 44.6080, 17.5680

Conversions

Conversions Part 2

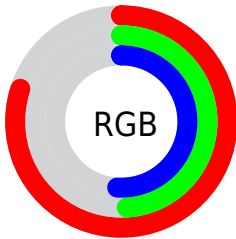
Format	Color
R _Y B	203, 126, 130
Decimal	13336194
CIE Lab	60.98, 30.37, 10.47
CIE LCh	61, 32.128, 19.021
Yxy	29.2295, 0.4004, 0.3239
Android (android.graphics.Color)	4291526274 (0xFFCB7E82)
YUV	149.4790, -9.6031, 46.9379
Hunter-Lab	54.0643, 24.6767, 10.5687

Details

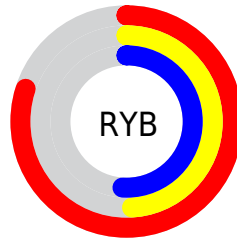
The YIQ color **149.4790, 44.6080, 17.5680** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **179.5210, -44.6080, -17.5680**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **202.7670, 43.7370, 16.8330**, and **97.7990, 40.7110, 16.6070** is the 20% darker color. If you saturate the color by 10%, you get **135.5730, 56.2070, 22.1190**, and if you desaturate by 10%, it is **163.3850, 33.0090, 13.0170**.

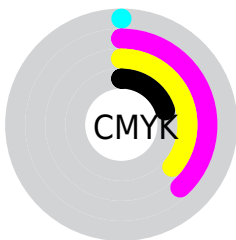
Distribution



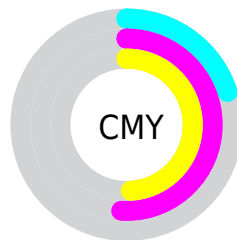
- Red (80%)
- Green (49%)
- Blue (51%)



- Red (80%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (38%)
- Yellow (36%)
- Black (20%)




- Cyan (20%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.4790, 44.6080, 17.5680 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 149.4790, 44.6080, 17.5680 by changing the saturation by 10% instead.


 149.4790, 44.6080,
17.5680


 149.4790, 44.6080,
17.5680


255.0000, -0.0000,
-0.0000


 122.9950, 43.0950,
17.4550


 202.7670, 43.7370,
16.8330


 97.2120, 40.9860,
17.1300


 221.6940, 27.6450,
11.1090

 72.1300, 38.2810,
16.5930

 242.0230, 10.3610,
4.9610

 48.3470, 36.1720,
16.2680

 23.0310, 34.2460,
18.1340

 13.2700, 25.9030,
9.6390

 0.0000, 0.0000,

0.0000

■ 149.4790, 44.6080,
17.5680

■ 149.4790, 44.6080,
17.5680

■ 135.5730, 56.2070,
22.1190

■ 163.3850, 33.0090,
13.0170

■ 121.0800, 68.0810,
27.1930

■ 177.9920, 20.8140,
8.2540

■ 107.0600, 80.0010,
31.4330

■ 191.8980, 9.2150,
3.7030

■ 93.1540, 91.6000,
35.9840

■ 205.8040, -2.3840,
-0.8480

■ 78.6610, 103.4740,
41.0580

■ 219.7100,
-13.9830, -5.3990

■ 64.7550, 115.0730,
45.6090

■ 234.2030,
-25.8570, -10.4730

■ 61.9510, 117.4570,
46.4570

■ 239.4520,
-30.9920, -11.0240

Harmonies

Analogous

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



150.6920, 31.1270, 25.1030



149.4790, 44.6080, 17.5680



147.7590, 46.2150, 4.9590

Triad

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



149.4790, 44.6080, 17.5680



139.8560, -9.3030, -24.1430



139.7490, -53.2770, 1.8830

Complementary

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



149.4790, 44.6080, 17.5680



179.5210, -44.6080, -17.5680

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.



128.6330, -76.9780, -14.6260



149.4790, 44.6080, 17.5680



134.4040, -40.2050, -25.7810

Square

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



149.4790, 44.6080, 17.5680



143.4910, 16.8300, -18.6740



127.3590, -70.6950, -23.8710



148.1060, -23.0650, 16.0310

Rectangle

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



149.4790, 44.6080, 17.5680



147.1400, 40.3480, -4.3560



127.3590, -70.6950, -23.8710



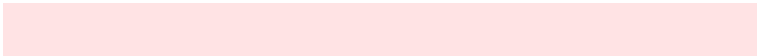
136.3840, -62.6750, -4.0110

Sweetspot

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



149.4790, 44.6080, 17.5680



235.4860, 16.3670, 6.2470



156.3060, 18.1950, 39.2110



116.1970, 9.8110, 3.9150



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.



149.4790, 44.6080, 17.5680



173.6670, 67.8060, 26.6700



168.3940, 36.8170, -0.9350



94.9900, 5.9600, 2.1200



50.6600, 96.0470, 37.9910



11.5900, 22.0060, 8.6780

Inverse Universe

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



149.4790, 44.6080, 17.5680



173.6670, 67.8060, 26.6700



160.6060, -36.8170, 0.9350



94.9900, 5.9600, 2.1200



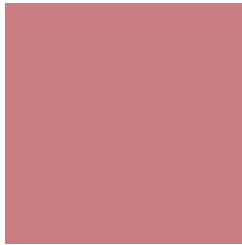
50.6600, 96.0470, 37.9910



11.5900, 22.0060, 8.6780

Previews

White Background



This preview shows how the YIQ color 149.4790, 44.6080, 17.5680 looks on a white background.

Color Contrast Check

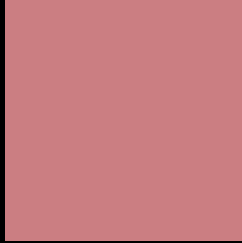
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.4790, 44.6080, 17.5680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

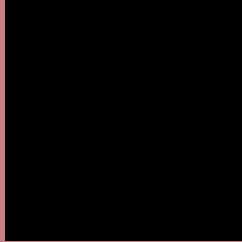
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.4790, 44.6080, 17.5680

Background



This preview shows how black text looks on a background with the YIQ color 149.4790, 44.6080, 17.5680.



This preview shows how white text looks on a background with the YIQ color 149.4790, 44.6080,

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

149.4790, 44.6080, 17.5680

Protanopia

147.8110, 4.9060, -0.8060

Deuteranopia

148.3630, 20.9070, 1.0590



Tritanopia

149.4620, 43.2780, 19.6460

Trichromacy



Original Color

149.4790, 44.6080, 17.5680

Protanomaly

148.3400, 19.7140, 6.1620

Deuteranomaly

148.5430, 29.3880, 7.0520

Tritanomaly

149.2340, 43.9200, 19.0240

Monochromacy



Original Color

149.4790, 44.6080, 17.5680

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.4860, 16.3670, 6.2470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.4790, 44.6080, 17.5680 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(203, 126, 130)` looks like.

```
.text, #text, p{  
    color:rgb(203, 126, 130)  
}
```

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(203, 126, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 126, 130) }
```

Border

The CSS property to change the border of an element to YIQ 149.4790, 44.6080, 17.5680 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(203, 126, 130) }
```


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

```
.border{ border-color:rgb(203, 126, 130) }
```

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

Here you see how a box with a 4 pixel rgb(203, 126, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 126, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 126, 130);  
box-shadow:4px 4px 4px 4px rgb(203, 126,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 149.4790, 44.6080, 17.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 126, 130) }
```

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

```
.background{ background-color: rgb(203,  
126, 130) }
```

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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