

Converting Colors

YIQ(149.7280, 39.4730, 17.0170)

Have a look what the booklet for
YIQ(149.7280, 39.4730, 17.0170)
contains.

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Color

**YIQ(149.7280, 39.4730,
17.0170)**

Conversions

Conversions Part 1

Format	Color
Hex	C68087
RGB	198, 128, 135
RGB Percent	78%, 50%, 53%
CMY	0.2234, 0.4981, 0.4704
CMYK	0.00, 0.35, 0.32, 0.22
HSL	354°, 38%, 64%
HSV	354°, 35%, 78%
XYZ	35.3914, 29.1927, 26.7053
YIQ	149.7280, 39.4730, 17.0170

Conversions

Conversions Part 2

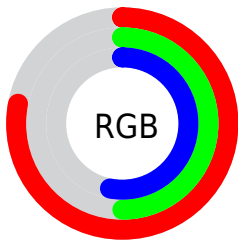
Format	Color
R_{YB}	198, 128, 135
Decimal	13009031
CIE _{Lab}	60.95, 28.03, 7.48
CIE _{LCh}	61, 29.008, 14.949
Yxy	29.1927, 0.3877, 0.3198
Android (android.graphics.Color)	4291199111 (0xFFC68087)
YUV	149.7280, -7.2609, 42.3345
Hunter-Lab	54.0303, 22.3697, 8.5162

Details

The YIQ color **149.7280, 39.4730, 17.0170** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **176.2720, -39.4730, -17.0170**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.5110, 41.5820, 17.3420**, and **97.9340, 35.8970, 15.7450** is the 20% darker color. If you saturate the color by 10%, you get **135.9360, 50.7510, 21.8790**, and if you desaturate by 10%, it is **163.5200, 28.1950, 12.1550**.

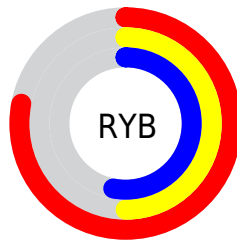
Distribution



Red (78%)

Green (50%)

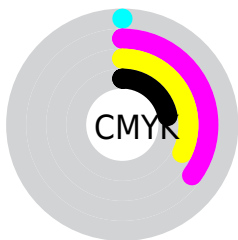
Blue (53%)



Red (78%)

Yellow (50%)

Blue (53%)

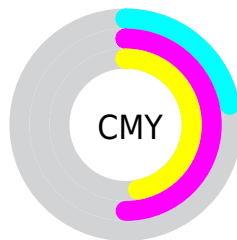


Cyan (0%)

Magenta (35%)

Yellow (32%)

Black (22%)



Cyan (22%)


Magenta (50%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.7280, 39.4730, 17.0170 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 149.7280, 39.4730, 17.0170 by changing the saturation by 10% instead.


 149.7280, 39.4730,
17.0170


 149.7280, 39.4730,
17.0170


255.0000, -0.0000,
-0.0000


 123.2440, 37.9600,
16.9040


 203.9240, 41.8570,
17.8650


 97.9340, 35.8970,
15.7450


 223.5520, 25.1690,
11.9290

 73.1510, 33.7880,
15.4200

 243.7670, 8.2060,
5.4700

 48.8950, 31.6330,
15.9290

 24.9380, 30.0740,
16.6500

 12.9710, 25.3070,
9.4270

 0.0000, 0.0000,

0.0000

■ 149.7280, 39.4730,
17.0170

■ 149.7280, 39.4730,
17.0170

■ 135.9360, 50.7510,
21.8790

■ 163.5200, 28.1950,
12.1550

■ 122.1440, 62.0290,
26.7410

■ 177.3120, 16.9170,
7.2930

■ 109.0530, 72.7110,
31.3910

■ 190.4030, 6.2350,
2.6430

■ 95.2610, 83.9890,
36.2530

■ 204.1950, -5.0430,
-2.2190

■ 81.4690, 95.2670,
41.1150

■ 217.9870,
-16.3210, -7.0810

■ 67.6770, 106.5450,
45.9770

■ 231.7790,
-27.5990, -11.9430

■ 61.4820, 111.5880,
48.1960

■ 237.9570,
-33.9720, -12.0840

Harmonies

Analogous

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



150.5880, 25.4880, 22.6720



149.7280, 39.4730, 17.0170



148.5460, 42.5010, 6.1890

Triad

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



149.7280, 39.4730, 17.0170



140.8890, -4.9020, -21.3020



139.9620, -49.5630, 0.6530

Complementary

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



149.7280, 39.4730, 17.0170



176.2720, -39.4730, -17.0170

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.



132.9180, -64.5990, -13.1990



149.7280, 39.4730, 17.0170



136.8890, -31.2650, -22.6010

Square

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



149.7280, 39.4730, 17.0170



144.5560, 18.2050, -16.0590



132.3670, -55.9780, -20.7620



146.9270, -24.1190, 13.1050

Rectangle

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



149.7280, 39.4730, 17.0170



147.2370, 38.6970, -1.9670



132.3670, -55.9780, -20.7620



137.7930, -56.5770, -4.3930

Sweetspot

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



149.7280, 39.4730, 17.0170



235.7140, 15.7250, 6.8690



154.5180, 14.4820, 34.9140



116.3110, 9.4900, 4.2260



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.



149.7280, 39.4730, 17.0170



181.2470, 60.2410, 26.1050



164.7790, 34.2950, 0.7190



92.8050, 5.0430, 2.2190



50.5610, 92.0120, 39.5320



11.2200, 20.1720, 8.8760

Inverse Universe

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



149.7280, 39.4730, 17.0170



181.2470, 60.2410, 26.1050



161.2210, -34.2950, -0.7190



92.8050, 5.0430, 2.2190



50.5610, 92.0120, 39.5320



11.2200, 20.1720, 8.8760

Previews

White Background



This preview shows how the YIQ color 149.7280, 39.4730, 17.0170 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 149.7280, 39.4730, 17.0170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

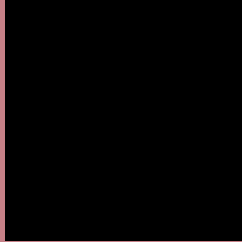
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.7280, 39.4730, 17.0170

Background



This preview shows how black text looks on a background with the YIQ color 149.7280, 39.4730, 17.0170.



This preview shows how white text looks on a background with the YIQ color 149.7280, 39.4730,

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

149.7280, 39.4730, 17.0170

Protanopia

147.9680, 3.0260, 0.2260

Deuteranopia

148.3350, 18.1100, 2.1900



Tritanopia

149.9560, 38.8310, 17.6390

Trichromacy



Original Color

149.7280, 39.4730, 17.0170

Protanomaly

148.4860, 16.3670, 6.2470

Deuteranomaly

148.8030, 25.7200, 7.4480

Tritanomaly

149.8420, 39.1520, 17.3280

Monochromacy



Original Color

149.7280, 39.4730, 17.0170

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.8170, 13.9370, 6.2330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.7280, 39.4730, 17.0170 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(198, 128, 135)` looks like.

```
.text, #text, p{  
    color:rgb(198, 128, 135)  
}
```

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(198, 128, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 128, 135) }
```

Border

The CSS property to change the border of an element to YIQ 149.7280, 39.4730, 17.0170 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(198, 128, 135) }
```


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

```
.border{ border-color:rgb(198, 128, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 128, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 128, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 128, 135);  
box-shadow:4px 4px 4px 4px rgb(198, 128,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 149.7280, 39.4730, 17.0170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 128, 135) }
```

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

```
.background{ background-color: rgb(198,  
128, 135) }
```

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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