

Converting Colors

YIQ(175.3720, 17.8290, 34.8290)

Have a look what the booklet for
YIQ(175.3720, 17.8290, 34.8290)
contains.

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Color

**YIQ(175.3720, 17.8290,
34.8290)**

Conversions

Conversions Part 1

Format	Color
Hex	D694D7
RGB	214, 148, 215
RGB Percent	84%, 58%, 84%
CMY	0.1606, 0.4197, 0.1568
CMYK	0.00, 0.31, 0.00, 0.16
HSL	299°, 46%, 71%
HSV	299°, 31%, 84%
XYZ	50.5983, 40.3815, 69.4208
YIQ	175.3720, 17.8290, 34.8290

Conversions

Conversions Part 2

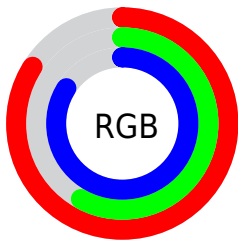
Format	Color
RYB	214, 148, 215
Decimal	14062807
CIELab	69.74, 35.66, -24.31
CIElCh	70, 43.157, 325.719
Yxy	40.3815, 0.3154, 0.2518
Android (android.graphics.Color)	4292252887 (0xFFD694D7)
YUV	175.3720, 19.5366, 33.8768
Hunter-Lab	63.5464, 30.9229, -20.2884

Details

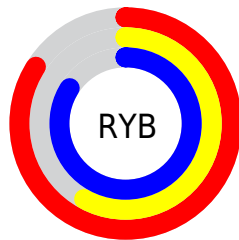
The YIQ color $175.3720, 17.8290, 34.8290$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $187.6280, -17.8290, -34.8290$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $224.4760, 14.3000, 27.1960$, and $121.8340, 16.4080, 33.0480$ is the 20% darker color. If you saturate the color by 10%, you get $162.4580, 23.8790, 46.3350$, and if you desaturate by 10%, it is $187.6990, 12.0540, 23.8460$.

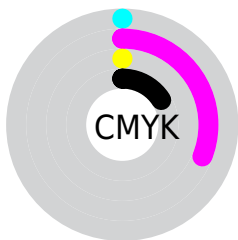
Distribution



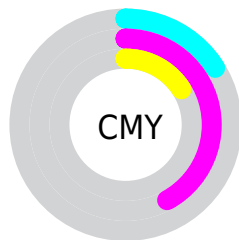
- Red (84%)
- Green (58%)
- Blue (84%)



- Red (84%)
- Yellow (58%)
- Blue (84%)



- Cyan (0%)
- Magenta (31%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (42%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.3720, 17.8290, 34.8290 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 175.3720, 17.8290, 34.8290 by changing the saturation by 10% instead.

■ 175.3720, 17.8290,
34.8290

■ 175.3720, 17.8290,
34.8290

255.0000, -0.0000,
-0.0000

■ 148.5460, 17.2790,
33.7830

■ 224.4760, 14.3000,
27.1960

■ 121.8340, 16.4080,
33.0480

■ 240.9120, 6.6000,
12.5520

■ 96.1220, 15.5370,
32.3130

■ 71.2960, 14.9870,
31.2670

■ 46.4100, 14.6660,
31.5780

■ 23.2850, 13.5200,
30.3200

■ 15.5090, 9.5330,

19.9730

■ 2.2970, -5.0900,
4.1420

■ 0.0000, 0.0000,
0.0000

■ 175.3720, 17.8290,
34.8290

■ 175.3720, 17.8290,
34.8290

■ 162.4580, 23.8790,
46.3350

■ 187.6990, 12.0540,
23.8460

■ 149.8320, 29.0580,
57.1060

■ 200.9120, 6.6000,
12.5520

■ 136.9180, 35.1080,
68.6120

■ 213.2390, 0.8250,
1.5690

■ 124.5910, 40.8830,
79.5950

■ 226.1530, -5.2250,
-9.9370

■ 111.6770, 46.9330,
91.1010

■ 238.7790,
-10.4040, -20.7080

■ 99.0510, 52.1120,
101.8720

■ 239.0780, -9.8080,
-20.4960

■ 87.8980, 57.3370,
111.8090

Harmonies

Analogous

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



172.2020, -22.9750, 25.4170



175.3720, 17.8290, 34.8290



173.9440, 48.2730, 33.7530

Triad

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



175.3720, 17.8290, 34.8290



167.6160, 44.3390, -16.1170



134.6720, -117.4130, -36.2370

Complementary

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



175.3720, 17.8290, 34.8290



187.6280, -17.8290, -34.8290

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.



145.6490, -75.0480, -38.6000



175.3720, 17.8290, 34.8290



163.7970, 15.5480, -28.4840

Square

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



175.3720, 17.8290, 34.8290



170.1920, 60.9330, 2.5410



157.5180, -23.3310, -34.2350



135.8580, -126.2640, -24.5040

Rectangle

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



175.3720, 17.8290, 34.8290



172.3610, 59.9200, 26.4160



157.5180, -23.3310, -34.2350



133.7770, -113.5150, -40.8030

Sweetspot

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



175.3720, 17.8290, 34.8290



241.4990, 6.3250, 12.0290



156.2250, -21.7820, 20.3140



118.8960, 3.5290, 7.6330



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.



175.3720, 17.8290, 34.8290



199.5230, 25.2540, 48.9500



172.0230, 28.6970, 25.0890



100.5430, 3.0250, 5.7530



69.7260, 45.2370, 88.7970



17.7590, 11.8250, 22.4890

Inverse Universe

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



168.1470, 39.6110, 14.5150



189.2200, 55.7030, 20.2390



190.9770, -28.6970, -25.0890



99.4030, 6.2350, 2.6430



51.3570, 101.2740, 36.8740



12.9710, 25.3070, 9.4270

Previews

White Background



This preview shows how the YIQ color 175.3720, 17.8290, 34.8290 looks on a white background.

Color Contrast Check

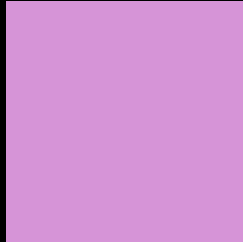
Large Text (above 18pt) WCAG AA × Fail

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 175.3720, 17.8290, 34.8290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

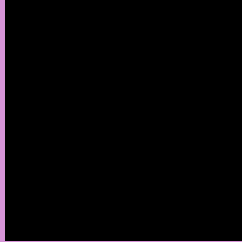
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.3720, 17.8290, 34.8290

Background



This preview shows how black text looks on a background with the YIQ color 175.3720, 17.8290, 34.8290.



This preview shows how white text looks on a background with the YIQ color 175.3720, 17.8290,

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

175.3720, 17.8290, 34.8290

Protanopia

171.1700, -29.1170, 15.5790

Deuteranopia

172.0160, -14.1240, 13.6840



Tritanopia

173.6170, 26.5440, 14.5440

Trichromacy



Original Color

175.3720, 17.8290, 34.8290

Protanomaly

172.4820, -12.2000, 22.8720

Deuteranomaly

173.1040, -2.3880, 21.2600

Tritanomaly

174.3920, 23.1040, 21.8240

Monochromacy



Original Color

175.3720, 17.8290, 34.8290

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.0260, 6.2790, 12.8630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.3720, 17.8290, 34.8290 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(214, 148, 215)` looks like.

```
.text, #text, p{  
    color:rgb(214, 148, 215)  
}
```

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(214, 148, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 148, 215) }
```

Border

The CSS property to change the border of an element to YIQ 175.3720, 17.8290, 34.8290 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(214, 148, 215) }
```


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

```
.border{ border-color:rgb(214, 148, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 148, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 148, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 148, 215);  
box-shadow:4px 4px 4px 4px rgb(214, 148,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 175.3720, 17.8290, 34.8290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 148, 215) }
```

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

```
.background{ background-color: rgb(214,  
148, 215) }
```

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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