

Converting Colors

YIQ(174.7790, 18.2410, 38.3770)

Have a look what the booklet for
YIQ(174.7790, 18.2410, 38.3770)
contains.

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Color

**YIQ(174.7790, 18.2410,
38.3770)**

Conversions

Conversions Part 1

Format	Color
Hex	D891DC
RGB	216, 145, 220
RGB Percent	85%, 57%, 86%
CMY	0.1527, 0.4315, 0.1372
CMYK	0.02, 0.34, 0.00, 0.14
HSL	297°, 52%, 72%
HSV	297°, 34%, 86%
XYZ	51.3748, 40.0165, 72.7289
YIQ	174.7790, 18.2410, 38.3770

Conversions

Conversions Part 2

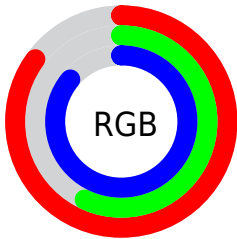
Format	Color
RYB	216, 145, 220
Decimal	14193116
CIELab	69.48, 38.84, -27.45
CIELCh	69, 47.559, 324.752
Yxy	40.0165, 0.3130, 0.2438
Android (android.graphics.Color)	4292383196 (0xFFD891DC)
YUV	174.7790, 22.2940, 36.1508
Hunter-Lab	63.2586, 34.2641, -23.8851

Details

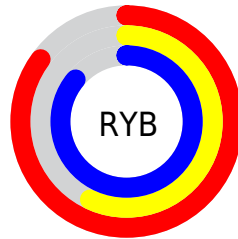
The YIQ color **174.7790, 18.2410, 38.3770** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **190.2210, -18.2410, -38.3770**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.7150, 15.1250, 28.7650**, and **121.2410, 16.8200, 36.5960** is the 20% darker color. If you saturate the color by 10%, you get **161.5660, 23.6950, 49.6710**, and if you desaturate by 10%, it is **187.9920, 12.7870, 27.0830**.

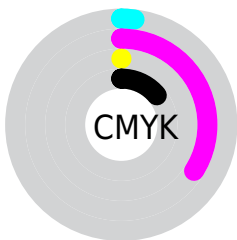
Distribution



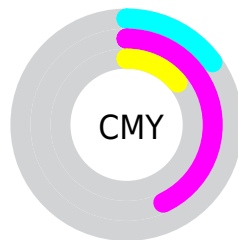
- Red (85%)
- Green (57%)
- Blue (86%)



- Red (85%)
- Yellow (57%)
- Blue (86%)



- Cyan (2%)
- Magenta (34%)
- Yellow (0%)
- Black (14%)



- Cyan (15%)
- Magenta (43%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.7790, 18.2410, 38.3770 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 174.7790, 18.2410, 38.3770 by changing the saturation by 10% instead.

■ 174.7790, 18.2410,
38.3770

■ 174.7790, 18.2410,
38.3770

■ 255.0000, -0.0000,
-0.0000

■ 147.9530, 17.6910,
37.3310

■ 222.7150, 15.1250,
28.7650

■ 121.2410, 16.8200,
36.5960

■ 239.1510, 7.4250,
14.1210

■ 95.4150, 16.2700,
35.5500

■ 70.1160, 15.6740,
35.3380

■ 44.2300, 15.3530,
35.6490

■ 24.0400, 12.8320,
31.7760

■ 15.8510, 8.5700,

20.9060

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 174.7790, 18.2410,
38.3770

■ 174.7790, 18.2410,
38.3770

■ 161.5660, 23.6950,
49.6710

■ 187.9920, 12.7870,
27.0830

■ 148.3530, 29.1490,
60.9650

■ 201.2050, 7.3330,
15.7890

■ 135.1400, 34.6030,
72.2590

■ 214.7170, 2.4750,
4.7070

■ 121.6280, 39.4610,
83.3410

■ 227.9300, -2.9790,
-6.5870

■ 108.4150, 44.9150,
94.6350

■ 241.1430, -8.4330,
-17.8810

■ 95.2020, 50.3690,
105.9290

■ 241.4420, -7.8370,
-17.6690

■ 87.2720, 53.3480,
112.5160

■ 241.7410, -7.2410,
-17.4570

■ 242.0400, -6.6450,
-17.2450

■ 242.3390, -6.0490,
-17.0330

Harmonies

Analogous

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



170.9180, -27.9270, 27.0570



174.7790, 18.2410, 38.3770



173.2050, 52.0320, 37.2160

Triad

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



174.7790, 18.2410, 38.3770



166.6010, 48.6950, -17.9690



135.3730, -118.0090, -36.4490

Complementary

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



174.7790, 18.2410, 38.3770



190.2210, -18.2410, -38.3770

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.



132.4500, -99.7130, -48.6490



174.7790, 18.2410, 38.3770



162.4720, 17.8410, -31.4950

Square

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



174.7790, 18.2410, 38.3770



169.1280, 66.9850, 2.9930



155.5130, -24.9350, -38.2070



137.0150, -128.1440, -23.4720

Rectangle

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



174.7790, 18.2410, 38.3770



171.1060, 65.1920, 29.9920



155.5130, -24.9350, -38.2070



134.3640, -113.7900, -41.3260

Sweetspot

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



174.7790, 18.2410, 38.3770



240.0260, 6.2790, 12.8630



156.4850, -25.4500, 20.7100



118.3090, 3.8040, 8.1560



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.



174.7790, 18.2410, 38.3770



191.5710, 25.2990, 53.6430



172.2130, 31.2180, 28.9620



103.2440, 2.4290, 5.5410



68.7580, 42.2110, 88.5710



18.1010, 10.8620, 23.4220

Inverse Universe

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



167.8810, 43.4160, 17.1440



182.0790, 60.6540, 24.1260



192.6730, -30.8970, -29.2730



102.2890, 6.5560, 2.3320



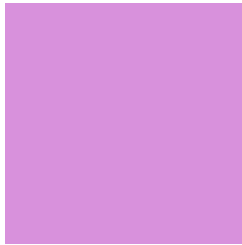
52.7530, 100.2190, 39.4750



13.9820, 26.7740, 10.3740

Previews

White Background



This preview shows how the YIQ color 174.7790, 18.2410, 38.3770 looks on a white background.

Color Contrast Check

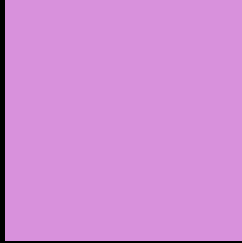
Large Text (above 18pt) WCAG AA × Fail

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 174.7790, 18.2410, 38.3770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

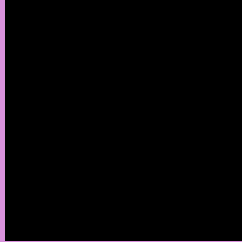
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.7790, 18.2410, 38.3770

Background



This preview shows how black text looks on a background with the YIQ color 174.7790, 18.2410, 38.3770.



This preview shows how white text looks on a background with the YIQ color 174.7790, 18.2410,

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

174.7790, 18.2410, 38.3770

Protanopia

170.1850, -33.4730, 17.4310

Deuteranopia

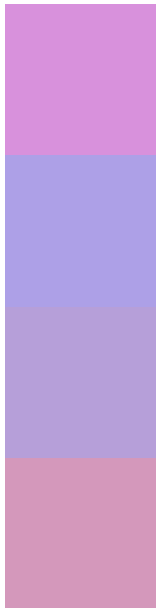
171.3900, -18.1130, 14.3910



Tritanopia

173.2150, 27.7360, 14.9680

Trichromacy



Original Color

174.7790, 18.2410, 38.3770

Protanomaly

171.9810, -15.0430, 24.8370

Deuteranomaly

172.4890, -4.9100, 22.9140

Tritanomaly

173.9300, 24.5250, 23.6050

Monochromacy



Original Color

174.7790, 18.2410, 38.3770

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.8520, 6.8290, 13.9090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.7790, 18.2410, 38.3770 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(216, 145, 220)` looks like.

```
.text, #text, p{  
    color:rgb(216, 145, 220)  
}
```

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(216, 145, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 145, 220) }
```

Border

The CSS property to change the border of an element to YIQ 174.7790, 18.2410, 38.3770 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(216, 145, 220) }
```


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

```
.border{ border-color:rgb(216, 145, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 145, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 145, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 145, 220);  
box-shadow:4px 4px 4px 4px rgb(216, 145,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 174.7790, 18.2410, 38.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 145, 220) }
```

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

```
.background{ background-color: rgb(216,  
145, 220) }
```

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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