

Converting Colors

YIQ(148.5710, 24.1580, 24.7500)

Have a look what the booklet for
YIQ(148.5710, 24.1580, 24.7500)
contains.

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Color

**YIQ(148.5710, 24.1580,
24.7500)**

Conversions

Conversions Part 1

Format	Color
Hex	BB7EA4
RGB	187, 126, 164
RGB Percent	73%, 49%, 64%
CMY	0.2665, 0.5060, 0.3568
CMYK	0.00, 0.33, 0.12, 0.27
HSL	323°, 31%, 61%
HSV	323°, 33%, 73%
XYZ	34.6640, 28.1664, 38.7396
YIQ	148.5710, 24.1580, 24.7500

Conversions

Conversions Part 2

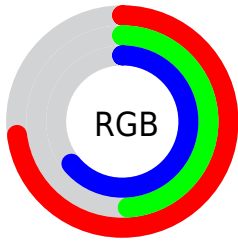
Format	Color
R _Y B	187, 126, 164
Decimal	12287652
CIE Lab	60.04, 29.48, -10.62
CIE LCh	60, 31.333, 340.192
Yxy	28.1664, 0.3413, 0.2773
Android (android.graphics.Color)	4290477732 (0xFFBB7EA4)
YUV	148.5710, 7.6065, 33.7022
Hunter-Lab	53.0720, 23.7115, -6.1281

Details

The YIQ color **148.5710, 24.1580, 24.7500** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **164.4290, -24.1580, -24.7500**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.9950, 25.9000, 26.2200**, and **97.1470, 22.4160, 23.2800** is the 20% darker color. If you saturate the color by 10%, you get **136.6200, 31.6300, 32.5100**, and if you desaturate by 10%, it is **160.5220, 16.6860, 16.9900**.

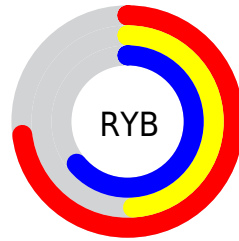
Distribution



Red (73%)

Green (49%)

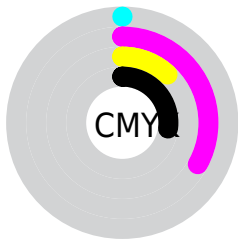
Blue (64%)



Red (73%)

Yellow (49%)

Blue (64%)

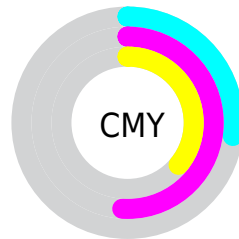


Cyan (0%)

Magenta (33%)

Yellow (12%)

Black (27%)



Cyan (27%)


Magenta (51%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 148.5710, 24.1580, 24.7500 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 148.5710, 24.1580, 24.7500 by changing the saturation by 10% instead.


 148.5710, 24.1580,
24.7500


 148.5710, 24.1580,
24.7500


255.0000, -0.0000,
-0.0000

 122.2720, 23.5620,
24.5380


 202.9950, 25.9000,
26.2200


 97.1470, 22.4160,
23.2800


 225.9120, 15.7680,
22.6160

 72.5490, 21.2240,
22.8560

 243.8470, 5.2250,
9.9370

 48.2500, 20.6280,
22.6440

 24.1790, 19.3900,
23.0540

 13.8700, 15.5860,
14.8980

 0.0000, 0.0000,

0.0000

■ 148.5710, 24.1580,
24.7500

■ 148.5710, 24.1580,
24.7500

■ 136.6200, 31.6300,
32.5100

■ 160.5220, 16.6860,
16.9900

■ 125.2560, 38.8270,
39.7470

■ 171.8860, 9.4890,
9.7530

■ 113.3050, 46.2990,
47.5070

■ 183.8370, 2.0170,
1.9930

■ 101.3540, 53.7710,
55.2670

■ 195.7880, -5.4550,
-5.7670

■ 89.4030, 61.2430,
63.0270

■ 207.7390,
-12.9270, -13.5270

■ 78.0390, 68.4400,
70.2640

■ 219.1030,
-20.1240, -20.7640

■ 69.2510, 73.8950,
76.0310

■ 229.8800,
-27.0460, -27.4780

■ 230.6780,
-29.2930, -25.3010

■ 231.4760,
-31.5400, -23.1240

Harmonies

Analogous

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



147.8160, -1.5170, 21.9950



148.5710, 24.1580, 24.7500



147.7930, 40.8480, 19.6320

Triad

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



148.5710, 24.1580, 24.7500



142.0080, 22.7440, -15.7200



125.7100, -75.8770, -18.0610

Complementary

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



148.5710, 24.1580, 24.7500



164.4290, -24.1580, -24.7500

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.



127.8070, -60.3330, -24.4370



148.5710, 24.1580, 24.7500



139.1020, -1.1880, -22.5320

Square

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



148.5710, 24.1580, 24.7500



144.5420, 39.1560, -4.7800



133.9060, -29.9350, -24.6790



134.8790, -59.6950, -2.9510

Rectangle

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



148.5710, 24.1580, 24.7500



146.6160, 45.4800, 12.7760



133.9060, -29.9350, -24.6790



125.0860, -74.1800, -21.2840

Sweetspot

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



148.5710, 24.1580, 24.7500



226.8860, 9.4890, 9.7530



139.5320, -6.4690, 23.6350



113.2120, 5.4550, 5.7670



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



148.5710, 24.1580, 24.7500



182.8320, 37.0850, 38.2770



145.1510, 33.7880, 15.4200



88.3750, 3.4380, 3.7740



58.4140, 62.7100, 63.9740



11.4350, 12.3770, 12.4810

Inverse Universe

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



148.5710, 24.1580, 24.7500



182.8320, 37.0850, 38.2770



167.8490, -33.7880, -15.4200



88.3750, 3.4380, 3.7740



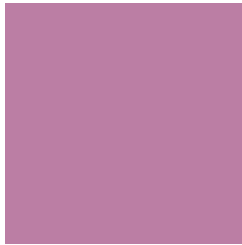
58.4140, 62.7100, 63.9740



11.4350, 12.3770, 12.4810

Previews

White Background



This preview shows how the YIQ color 148.5710, 24.1580, 24.7500 looks on a white background.

Color Contrast Check

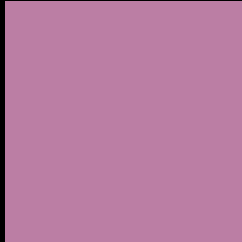
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.5710, 24.1580, 24.7500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

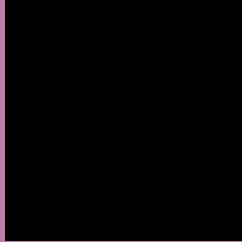
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 148.5710, 24.1580, 24.7500

Background



This preview shows how black text looks on a background with the YIQ color 148.5710, 24.1580, 24.7500.



This preview shows how white text looks on a background with the YIQ color 148.5710, 24.1580,

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

148.5710, 24.1580, 24.7500

Protanopia

145.8540, -13.8480, 8.6800

Deuteranopia

146.5690, 0.1360, 8.5520



Tritanopia

147.2860, 28.9740, 14.5580

Trichromacy



Original Color

148.5710, 24.1580, 24.7500

Protanomaly

146.6710, 0.0890, 14.9130

Deuteranomaly

147.6350, 8.9380, 14.2340

Tritanomaly

148.0240, 26.9560, 18.0920

Monochromacy



Original Color

148.5710, 24.1580, 24.7500

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.0600, 8.9390, 8.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.5710, 24.1580, 24.7500 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(187, 126, 164)` looks like.

```
.text, #text, p{  
    color:rgb(187, 126, 164)  
}
```

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(187, 126, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 126, 164) }
```

Border

The CSS property to change the border of an element to YIQ 148.5710, 24.1580, 24.7500 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(187, 126, 164) }
```


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

```
.border{ border-color:rgb(187, 126, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 126, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 126, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 126, 164);  
box-shadow:4px 4px 4px 4px rgb(187, 126,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 148.5710, 24.1580, 24.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 126, 164) }
```

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

```
.background{ background-color: rgb(187,  
126, 164) }
```

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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