

Converting Colors

YIQ(147.9650, 25.4440, 12.4520)

Have a look what the booklet for
YIQ(147.9650, 25.4440, 12.4520)
contains.

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Color

**YIQ(147.9650, 25.4440,
12.4520)**

Conversions

Conversions Part 1

Format	Color
Hex	B4858D
RGB	180, 133, 141
RGB Percent	71%, 52%, 55%
CMY	0.2940, 0.4785, 0.4470
CMYK	0.00, 0.26, 0.22, 0.29
HSL	350°, 24%, 61%
HSV	350°, 26%, 71%
XYZ	32.0237, 28.4003, 29.0027
YIQ	147.9650, 25.4440, 12.4520

Conversions

Conversions Part 2

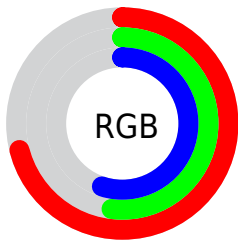
Format	Color
R_{YB}	180, 133, 141
Decimal	11830669
CIE Lab	60.25, 19.26, 2.78
CIE LCh	60, 19.463, 8.212
Yxy	28.4003, 0.3581, 0.3176
Android (android.graphics.Color)	4290020749 (0xFFB4858D)
YUV	147.9650, -3.4337, 28.0947
Hunter-Lab	53.2920, 14.0015, 5.0374

Details

The YIQ color **147.9650, 25.4440, 12.4520** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **165.0350, -25.4440, -12.4520**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.2750, 27.5070, 13.6110**, and **96.7690, 23.0600, 11.6040** is the 20% darker color. If you saturate the color by 10%, you get **135.6890, 35.2090, 17.2010**, and if you desaturate by 10%, it is **160.2410, 15.6790, 7.7030**.

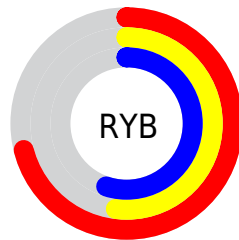
Distribution



Red (71%)

Green (52%)

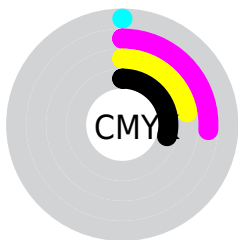
Blue (55%)



Red (71%)

Yellow (52%)

Blue (55%)

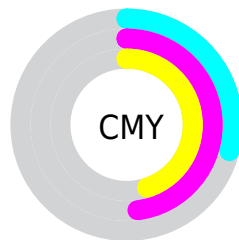


Cyan (0%)

Magenta (26%)

Yellow (22%)

Black (29%)



Cyan (29%)


Magenta (48%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 147.9650, 25.4440, 12.4520 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 147.9650, 25.4440, 12.4520 by changing the saturation by 10% instead.


 147.9650, 25.4440,
12.4520


 147.9650, 25.4440,
12.4520


255.0000, -0.0000,
-0.0000

 122.3670, 24.2520,
12.0280


 202.2750, 27.5070,
13.6110


 96.7690, 23.0600,
11.6040


 227.1710, 21.8680,
11.1800

 73.1710, 21.8680,
11.1800

 247.5000, 4.5840,
5.0320

 49.5730, 20.6760,
10.7560

 27.7900, 18.5670,
10.4310

 10.2800, 19.9430,
7.5190

 0.0000, 0.0000,

0.0000

■ 147.9650, 25.4440,
12.4520

■ 147.9650, 25.4440,
12.4520

■ 135.6890, 35.2090,
17.2010

■ 160.2410, 15.6790,
7.7030

■ 123.4130, 44.9740,
21.9500

■ 172.5170, 5.9140,
2.9540

■ 111.1370, 54.7390,
26.6990

■ 184.7930, -3.8510,
-1.7950

■ 98.8610, 64.5040,
31.4480

■ 197.0690,
-13.6160, -6.5440

■ 86.5850, 74.2690,
36.1970

■ 209.3450,
-23.3810, -11.2930

■ 74.3090, 84.0340,
40.9460

■ 221.6210,
-33.1460, -16.0420

■ 62.1470, 93.4780,
46.0060

■ 231.5490,
-41.8110, -18.6990

■ 57.3540, 97.3290,
47.8010

■ 232.5750,
-44.7000, -15.9000

Harmonies

Analogous

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



148.3860, 14.0730, 14.7850



147.9650, 25.4440, 12.4520



147.0160, 29.4340, 6.2180

Triad

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



147.9650, 25.4440, 12.4520



142.1550, 0.4610, -13.8670



141.1180, -32.5070, -0.0830

Complementary

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



147.9650, 25.4440, 12.4520



165.0350, -25.4440, -12.4520

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.



138.6240, -37.2280, -8.1400



147.9650, 25.4440, 12.4520



139.8310, -16.1820, -15.1100

Square

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



147.9650, 25.4440, 12.4520



144.1030, 15.4070, -9.4010



138.1700, -30.2580, -13.3140



144.6900, -19.2580, 7.6060

Rectangle

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



147.9650, 25.4440, 12.4520



146.0710, 27.6010, 0.8890



138.1700, -30.2580, -13.3140



140.1560, -35.6700, -3.3340

Sweetspot

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



147.9650, 25.4440, 12.4520



222.0230, 10.3610, 4.9610



149.7200, 7.5610, 22.6730



109.5170, 5.9140, 2.9540



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



147.9650, 25.4440, 12.4520



185.1950, 39.6560, 19.2080



155.8580, 23.8870, 2.1190



82.9190, 4.7220, 2.5300



48.7110, 82.8420, 40.5220



8.2300, 14.2120, 6.7560

Inverse Universe

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



147.9650, 25.4440, 12.4520



185.1950, 39.6560, 19.2080



157.1420, -23.8870, -2.1190



82.9190, 4.7220, 2.5300



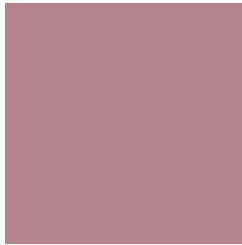
48.7110, 82.8420, 40.5220



8.2300, 14.2120, 6.7560

Previews

White Background



This preview shows how the YIQ color 147.9650, 25.4440, 12.4520 looks on a white background.

Color Contrast Check

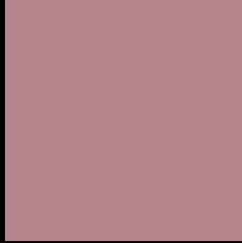
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.9650, 25.4440, 12.4520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

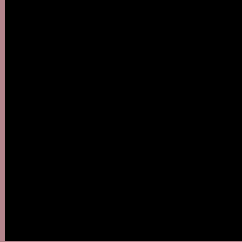
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.9650, 25.4440, 12.4520

Background



This preview shows how black text looks on a background with the YIQ color 147.9650, 25.4440, 12.4520.



This preview shows how white text looks on a background with the YIQ color 147.9650, 25.4440,

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

147.9650, 25.4440, 12.4520

Protanopia

145.9400, 0.2290, 1.3570

Deuteranopia

147.1650, 12.8370, 4.1410



Tritanopia

148.1930, 24.8020, 13.0740

Trichromacy



Original Color

147.9650, 25.4440, 12.4520

Protanomaly

146.8380, 9.4440, 5.0600

Deuteranomaly

147.4970, 17.8340, 7.1940

Tritanomaly

148.0790, 25.1230, 12.7630

Monochromacy



Original Color

147.9650, 25.4440, 12.4520

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.3110, 9.4900, 4.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.9650, 25.4440, 12.4520 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(180, 133, 141)` looks like.

```
.text, #text, p{  
    color:rgb(180, 133, 141)  
}
```

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(180, 133, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 133, 141) }
```

Border

The CSS property to change the border of an element to YIQ 147.9650, 25.4440, 12.4520 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(180, 133, 141) }
```


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

```
.border{ border-color:rgb(180, 133, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 133, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 133, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 133, 141);  
box-shadow:4px 4px 4px 4px rgb(180, 133,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 147.9650, 25.4440, 12.4520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 133, 141) }
```

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

```
.background{ background-color: rgb(180,  
133, 141) }
```

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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