

Converting Colors

YIQ(148.6820, 10.7240, 25.9240)

Have a look what the booklet for
YIQ(148.6820, 10.7240, 25.9240)
contains.

YIQ(148.6820, 10.7240, 25.9240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(148.6820, 10.7240,
25.9240)**

Conversions

Conversions Part 1

Format	Color
Hex	AF81B5
RGB	175, 129, 181
RGB Percent	69%, 51%, 71%
CMY	0.3136, 0.4942, 0.2902
CMYK	0.03, 0.29, 0.00, 0.29
HSL	293°, 26%, 61%
HSV	293°, 29%, 71%
XYZ	33.8756, 28.1498, 47.3644
YIQ	148.6820, 10.7240, 25.9240

Conversions

Conversions Part 2

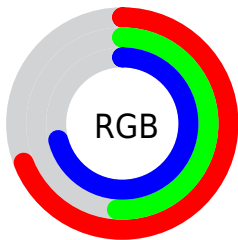
Format	Color
RYB	175, 129, 181
Decimal	11502005
CIELab	60.02, 26.81, -20.46
CIELCh	60, 33.731, 322.649
Yxy	28.1498, 0.3097, 0.2573
Android (android.graphics.Color)	4289692085 (0xFFAF81B5)
YUV	148.6820, 15.9328, 23.0809
Hunter-Lab	53.0564, 21.1204, -15.7898

Details

The YIQ color **148.6820, 10.7240, 25.9240** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **161.3180, -10.7240, -25.9240**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **202.9210, 11.5490, 27.4930**, and **97.4430, 9.8990, 24.3550** is the 20% darker color. If you saturate the color by 10%, you get **137.5180, 14.4820, 34.9140**, and if you desaturate by 10%, it is **159.8460, 6.9660, 16.9340**.

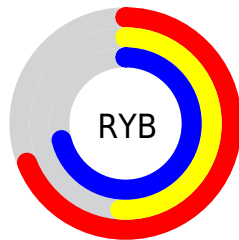
Distribution



Red (69%)

Green (51%)

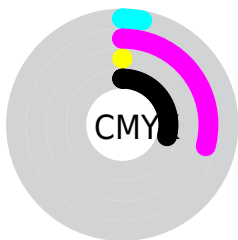
Blue (71%)



Red (69%)

Yellow (51%)

Blue (71%)

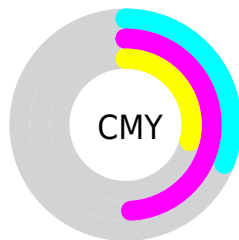


Cyan (3%)

Magenta (29%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.6820, 10.7240, 25.9240 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 148.6820, 10.7240, 25.9240 by changing the saturation by 10% instead.

■ 148.6820, 10.7240,
25.9240

■ 148.6820, 10.7240,
25.9240

255.0000, -0.0000,
-0.0000

■ 122.8560, 10.1740,
24.8780

■ 202.9210, 11.5490,
27.4930

■ 97.4430, 9.8990,
24.3550

■ 228.5850, 12.3750,
23.5350

■ 72.7310, 9.0280,
23.6200

■ 245.6080, 4.4000,
8.3680

■ 49.9050, 8.4780,
22.5740

■ 26.6060, 7.8820,
22.3620

■ 13.1450, 7.5620,
17.1460

■ 0.9120, -2.5680,

2.4880

■ 0.0000, 0.0000,
0.0000

■ 148.6820, 10.7240,
25.9240

■ 148.6820, 10.7240,
25.9240

■ 137.5180, 14.4820,
34.9140

■ 159.8460, 6.9660,
16.9340

■ 126.3540, 18.2400,
43.9040

■ 171.0100, 3.2080,
7.9440

■ 115.1900, 21.9980,
52.8940

■ 182.1740, -0.5500,
-1.0460

■ 104.0260, 25.7560,
61.8840

■ 193.3380, -4.3080,
-10.0360

■ 92.2750, 29.7890,
71.3970

■ 204.5020, -8.0660,
-19.0260

81.1110, 33.5470,
80.3870

216.2530,
-12.0990, -28.5390

69.9470, 37.3050,
89.3770

227.1290,
-14.9860, -36.7940

68.4740, 37.2590,
90.2110

227.7270,
-13.7940, -36.3700

228.3250,
-12.6020, -35.9460

Harmonies

Analogous

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



145.8290, -20.7270, 17.7130



148.6820, 10.7240, 25.9240



147.9590, 34.7490, 25.5410

Triad

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



148.6820, 10.7240, 25.9240



142.9990, 36.1310, -10.5330



118.8240, -85.3660, -27.8140

Complementary

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



148.6820, 10.7240, 25.9240



161.3180, -10.7240, -25.9240

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.



129.4570, -47.7240, -27.1800



148.6820, 10.7240, 25.9240



140.3550, 14.2170, -20.8790

Square

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



148.6820, 10.7240, 25.9240



145.3030, 47.4990, 3.7150



136.4640, -14.0710, -25.8390



123.5010, -85.4140, -15.9260

Rectangle

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



148.6820, 10.7240, 25.9240



147.4730, 44.7450, 20.5930



136.4640, -14.0710, -25.8390



123.4680, -72.6200, -27.5320

Sweetspot

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



148.6820, 10.7240, 25.9240



221.1890, 4.2620, 10.8700



138.4500, -18.3420, 13.0340



109.0700, 2.9790, 6.5870



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.



148.6820, 10.7240, 25.9240



185.0500, 16.0400, 39.7200



148.1960, 20.7200, 20.9760



83.4180, 1.8790, 4.4950



57.8070, 31.3470, 76.2030



9.8410, 5.3620, 12.9620

Inverse Universe

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



145.2320, 29.0660, 12.8900



179.9460, 44.7910, 19.7590



161.8040, -20.7200, -20.9760



82.8050, 5.0430, 2.2190



47.7990, 85.4100, 38.0340



8.1160, 14.5330, 6.4450

Previews

White Background



This preview shows how the YIQ color 148.6820, 10.7240, 25.9240 looks on a white background.

Color Contrast Check

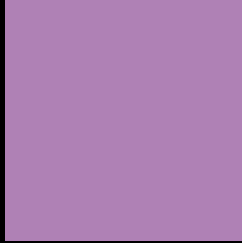
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.6820, 10.7240, 25.9240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

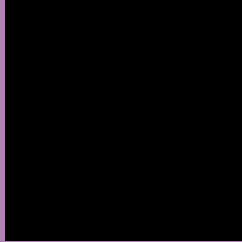
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 148.6820, 10.7240, 25.9240

Background



This preview shows how black text looks on a background with the YIQ color 148.6820, 10.7240, 25.9240.



This preview shows how white text looks on a background with the YIQ color 148.6820, 10.7240,

25.9240.

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

148.6820, 10.7240, 25.9240

Protanopia

145.1830, -21.9640, 12.5960

Deuteranopia

146.2180, -11.8770, 11.5070



Tritanopia

147.3060, 17.0540, 10.3180

Trichromacy



Original Color

148.6820, 10.7240, 25.9240

Protanomaly

146.5760, -9.7690, 17.3590

Deuteranomaly

146.9850, -3.6710, 16.9770

Tritanomaly

147.6250, 14.8980, 16.3540

Monochromacy



Original Color

148.6820, 10.7240, 25.9240

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.9500, 3.4370, 9.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.6820, 10.7240, 25.9240 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(175, 129, 181)` looks like.

```
.text, #text, p{  
    color:rgb(175, 129, 181)  
}
```

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(175, 129, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 129, 181) }
```

Border

The CSS property to change the border of an element to YIQ 148.6820, 10.7240, 25.9240 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(175, 129, 181) }
```


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

```
.border{ border-color:rgb(175, 129, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 129, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 129, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 129, 181);  
box-shadow:4px 4px 4px 4px rgb(175, 129,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 148.6820, 10.7240, 25.9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 129, 181) }
```

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

```
.background{ background-color: rgb(175,  
129, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor