

Converting Colors

YIQ(148.6230, 9.2120, 20.2840)

Have a look what the booklet for
YIQ(148.6230, 9.2120, 20.2840)
contains.

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Color

**YIQ(148.6230, 9.2120,
20.2840)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | AA85AD |
| RGB | 170, 133, 173 |
| RGB Percent | 67%, 52%, 68% |
| CMY | 0.3332, 0.4785, 0.3216 |
| CMYK | 0.02, 0.23, 0.00, 0.32 |
| HSL | 296°, 20%, 60% |
| HSV | 296°, 23%, 68% |
| XYZ | 32.5122, 28.3373, 43.2919 |
| YIQ | 148.6230, 9.2120, 20.2840 |

Conversions

Conversions Part 2

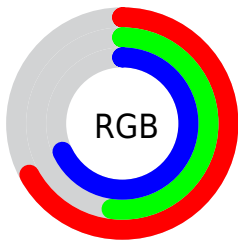
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 170, 133, 173 |
| Decimal | 11175341 |
| CIELab | 60.19, 21.27, -15.70 |
| CIElCh | 60, 26.434, 323.563 |
| Yxy | 28.3373, 0.3122, 0.2721 |
| Android (android.graphics.Color) | 4289365421 (0xFFAA85AD) |
| YUV | 148.6230, 12.0179, 18.7476 |
| Hunter-Lab | 53.2328, 15.8624, -10.9551 |

Details

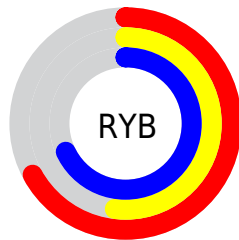
The YIQ color $148.6230, 9.2120, 20.2840$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $157.3770, -9.2120, -20.2840$, and the grayscale version is $148.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $202.7480, 10.3580, 21.5420$, and $97.4980, 8.0660, 19.0260$ is the 20% darker color. If you saturate the color by 10%, you get $138.3450, 13.2910, 28.9630$, and if you desaturate by 10%, it is $158.9010, 5.1330, 11.6050$.

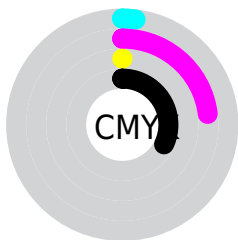
Distribution



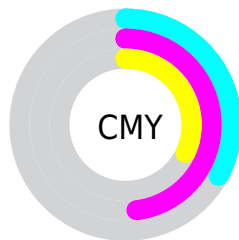
- Red (67%)
- Green (52%)
- Blue (68%)



- Red (67%)
- Yellow (52%)
- Blue (68%)



- Cyan (2%)
- Magenta (23%)
- Yellow (0%)
- Black (32%)



- Cyan (33%)
- Magenta (48%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.6230, 9.2120, 20.2840 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 148.6230, 9.2120, 20.2840 by changing the saturation by 10% instead.


 148.6230, 9.2120,
20.2840


 148.6230, 9.2120,
20.2840


255.0000, -0.0000,
-0.0000


 122.7970, 8.6620,
19.2380


 202.7480, 10.3580,
21.5420


 97.4980, 8.0660,
19.0260


 230.6340, 10.6790,
21.2310

 73.6720, 7.5160,
17.9800

 247.9560, 3.3000,
6.2760

 50.2590, 7.2410,
17.4570

 28.4330, 6.6910,
16.4110

 11.6780, 7.3790,
14.9550

 0.0000, 0.0000,

0.0000

148.6230, 9.2120,
20.2840

148.6230, 9.2120,
20.2840

138.3450, 13.2910,
28.9630

158.9010, 5.1330,
11.6050

127.1810, 17.0490,
37.9530

170.0650, 1.3750,
2.6150

116.9030, 21.1280,
46.6320

180.3430, -2.7040,
-6.0640

106.6250, 25.2070,
55.3110

190.6210, -6.7830,
-14.7430

95.7600, 29.5610,
64.5130

200.8990,
-10.8620, -23.4220

85.1830, 33.0440,
72.9800

212.0630,
-14.6200, -32.4120

■ 74.9050, 37.1230,
81.6590

■ 222.3410,
-18.6990, -41.0910

■ 67.5620, 39.8270,
87.7230

■ 223.2270,
-18.3780, -41.4020

■ 223.8250,
-17.1860, -40.9780

Harmonies

Analogous

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



146.6570, -14.4910, 14.8290



148.6230, 9.2120, 20.2840



148.2630, 27.7810, 19.6610

Triad

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



148.6230, 9.2120, 20.2840



144.2740, 28.1070, -8.2850



132.5570, -53.4570, -16.8890

Complementary

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



148.6230, 9.2120, 20.2840



157.3770, -9.2120, -20.2840

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.



135.2030, -35.0250, -20.5370



148.6230, 9.2120, 20.2840



141.5490, 10.9150, -16.1010

Square

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



148.6230, 9.2120, 20.2840



146.1000, 37.8250, 2.8250



139.0070, -11.0460, -20.0860



135.0550, -54.5590, -7.9270

Rectangle

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



148.6230, 9.2120, 20.2840



147.9340, 35.8970, 15.7450



139.0070, -11.0460, -20.0860



132.8410, -48.5050, -18.5290

Sweetspot

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



148.6230, 9.2120, 20.2840



214.8960, 3.5290, 7.6330



139.3210, -13.6650, 10.8710



106.7170, 2.4750, 4.7070



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



148.6230, 9.2120, 20.2840



186.4100, 14.6660, 31.5780



147.5820, 16.4570, 15.6330



81.4180, 1.8790, 4.4950



58.6610, 34.6940, 76.1180



8.9010, 5.1330, 11.6050

Inverse Universe

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



145.3020, 22.8770, 9.4130



180.9940, 35.6680, 14.3880



158.4180, -16.4570, -15.6330



80.8050, 5.0430, 2.2190



46.1040, 85.8690, 35.2210



7.1050, 13.0660, 5.4980

Previews

White Background



This preview shows how the YIQ color 148.6230, 9.2120, 20.2840 looks on a white background.

Color Contrast Check

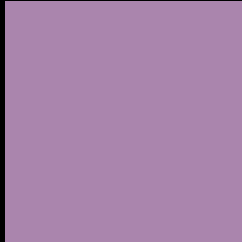
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.6230, 9.2120, 20.2840 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 148.6230, 9.2120, 20.2840

Background



This preview shows how black text looks on a background with the YIQ color 148.6230, 9.2120, 20.2840.



This preview shows how white text looks on a background with the YIQ color 148.6230, 9.2120,

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

148.6230, 9.2120, 20.2840

Protanopia

146.0110, -15.7280, 9.7120

Deuteranopia

146.8010, -6.3290, 10.0790



Tritanopia

147.8110, 14.0740, 9.2580

Trichromacy



Original Color

148.6230, 9.2120, 20.2840

Protanomaly

146.9090, -6.5130, 13.4150

Deuteranomaly

147.5460, -1.0570, 13.6550

Tritanomaly

147.9620, 12.3310, 13.3150

Monochromacy



Original Color

148.6230, 9.2120, 20.2840

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.8960, 3.5290, 7.6330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.6230, 9.2120, 20.2840 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(170, 133, 173)` looks like.

```
.text, #text, p{  
    color:rgb(170, 133, 173)  
}
```

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(170, 133, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 133, 173) }
```

Border

The CSS property to change the border of an element to YIQ 148.6230, 9.2120, 20.2840 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(170, 133, 173) }
```


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

```
.border{ border-color:rgb(170, 133, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 133, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 133, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 133, 173);  
box-shadow:4px 4px 4px 4px rgb(170, 133,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 148.6230, 9.2120, 20.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 133, 173) }
```

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

```
.background{ background-color: rgb(170,  
133, 173) }
```

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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