

Converting Colors

YIQ(158.2570, 1.5550, 21.3870)

Have a look what the booklet for
YIQ(158.2570, 1.5550, 21.3870)
contains.

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Color

**YIQ(158.2570, 1.5550,
21.3870)**

Conversions

Conversions Part 1

Format	Color
Hex	AD90C1
RGB	173, 144, 193
RGB Percent	68%, 56%, 76%
CMY	0.3215, 0.4353, 0.2432
CMYK	0.10, 0.25, 0.00, 0.24
HSL	276°, 28%, 66%
HSV	276°, 25%, 76%
XYZ	36.8354, 32.6799, 54.8138
YIQ	158.2570, 1.5550, 21.3870

Conversions

Conversions Part 2

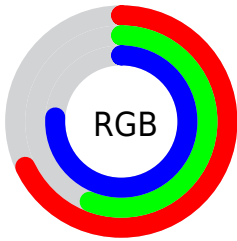
Format	Color
R _Y B	173, 144, 193
Decimal	11374785
CIE Lab	63.90, 20.14, -21.34
CIE LCh	64, 29.344, 313.342
Yxy	32.6799, 0.2963, 0.2629
Android (android.graphics.Color)	4289564865 (0xFFAD90C1)
YUV	158.2570, 17.1283, 12.9296
Hunter-Lab	57.1663, 14.9761, -16.8336

Details

The YIQ color $158.2570, 1.5550, 21.3870$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $178.7430, -1.5550, -21.3870$, and the grayscale version is $158.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $213.1970, 1.7840, 22.7440$, and $106.3170, 1.3260, 20.0300$ is the 20% darker color. If you saturate the color by 10%, you get $144.7120, 2.0120, 29.6280$, and if you desaturate by 10%, it is $171.8020, 1.0980, 13.1460$.

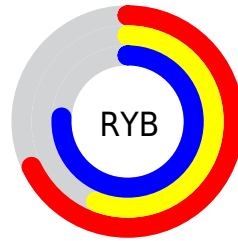
Distribution



Red (68%)

Green (56%)

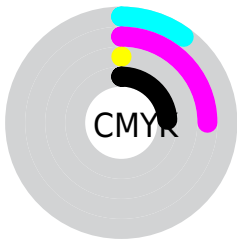
Blue (76%)



Red (68%)

Yellow (56%)

Blue (76%)

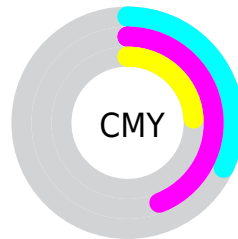


Cyan (10%)

Magenta (25%)

Yellow (0%)

Black (24%)



Cyan (32%)

Magenta (44%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.2570, 1.5550, 21.3870 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 158.2570, 1.5550, 21.3870 by changing the saturation by 10% instead.

■ 158.2570, 1.5550,
21.3870

■ 158.2570, 1.5550,
21.3870

255.0000, -0.0000,
-0.0000

■ 131.8440, 1.2800,
20.8640

■ 213.1970, 1.7840,
22.7440

■ 106.3170, 1.3260,
20.0300

■ 237.9770, 7.9750,
15.1670

■ 82.4910, 0.7760,
18.9840

■ 58.9640, 0.8220,
18.1500

■ 36.1380, 0.2720,
17.1040

■ 13.5620, 2.0140,
18.5740

■ 3.0950, -7.3370,

6.3190

■ 0.0000, 0.0000,
0.0000

■ 158.2570, 1.5550,
21.3870

■ 158.2570, 1.5550,
21.3870

■ 144.7120, 2.0120,
29.6280

■ 171.8020, 1.0980,
13.1460

■ 130.5800, 2.7440,
38.3920

■ 185.9340, 0.3660,
4.3820

■ 117.0350, 3.2010,
46.6330

■ 199.4790, -0.0910,
-3.8590

■ 103.7890, 4.2540,
55.0860

■ 212.7250, -1.1440,
-12.3120

■ 89.6570, 4.9860,
63.8500

■ 226.2700, -1.6010,
-20.5530

■ 76.1120, 5.4430,
72.0910

■ 237.4670, -0.9580,
-26.7020

■ 62.5670, 5.9000,
80.3320

■ 239.8590, 3.8100,
-25.0060

■ 56.0880, 5.9910,
84.1910

■ 242.2510, 8.5780,
-23.3100

■ 244.6430, 13.3460,
-21.6140

Harmonies

Analogous

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



154.4430, -25.6320, 12.9920



158.2570, 1.5550, 21.3870



158.7020, 25.1670, 22.9830

Triad

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



158.2570, 1.5550, 21.3870



154.4600, 36.4510, -5.3170



140.2530, -55.6570, -21.0730

Complementary

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



158.2570, 1.5550, 21.3870



178.7430, -1.5550, -21.3870

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.



144.6610, -30.6230, -23.2230



158.2570, 1.5550, 21.3870



152.0400, 19.7180, -15.9460

Square

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



158.2570, 1.5550, 21.3870



156.2580, 43.3720, 6.9240



148.9600, -3.6640, -21.7120



140.6190, -65.1950, -13.4110

Rectangle

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



158.2570, 1.5550, 21.3870



157.9820, 35.9420, 20.4380



148.9600, -3.6640, -21.7120



141.6190, -48.0000, -22.1760

Sweetspot

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



158.2570, 1.5550, 21.3870



235.8680, 0.7320, 8.7640



161.3260, -21.2290, 4.7790



115.8740, 0.5950, 5.7390



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



158.2570, 1.5550, 21.3870



196.7060, 2.1490, 32.6530



163.7810, 14.7590, 24.3830



89.9340, 0.3660, 4.3820



46.7590, 4.9390, 70.2110



9.7420, 1.3270, 14.5030

Inverse Universe

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



160.9310, 22.7840, 16.6080



200.8450, 35.0700, 25.2300



173.2190, -14.7590, -24.3830



90.4460, 4.6760, 3.3640



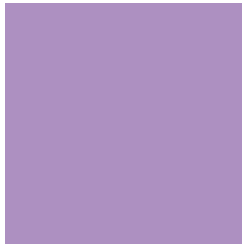
55.5490, 75.0910, 54.3470



11.4630, 15.1740, 11.3500

Previews

White Background



This preview shows how the YIQ color 158.2570, 1.5550, 21.3870 looks on a white background.

Color Contrast Check

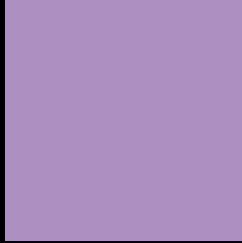
Large Text (above 18pt) WCAG AA × Fail

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 158.2570, 1.5550, 21.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

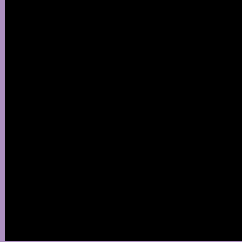
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.2570, 1.5550, 21.3870

Background



This preview shows how black text looks on a background with the YIQ color 158.2570, 1.5550, 21.3870.



This preview shows how white text looks on a background with the YIQ color 158.2570, 1.5550,

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

158.2570, 1.5550, 21.3870

Protanopia

155.3680, -21.0470, 12.4970

Deuteranopia

156.1470, -13.1150, 11.9170



Tritanopia

156.7500, 6.8760, 7.5480

Trichromacy



Original Color

158.2570, 1.5550, 21.3870

Protanomaly

156.5540, -12.7030, 15.4650

Deuteranomaly

156.8920, -7.8430, 15.4930

Tritanomaly

157.4280, 5.0870, 12.4390

Monochromacy



Original Color

158.2570, 1.5550, 21.3870

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

158.0420, 0.1820, 7.7180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.2570, 1.5550, 21.3870 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(173, 144, 193)` looks like.

```
.text, #text, p{  
    color:rgb(173, 144, 193)  
}
```

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(173, 144, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 144, 193) }
```

Border

The CSS property to change the border of an element to YIQ 158.2570, 1.5550, 21.3870 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(173, 144, 193) }
```


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

```
.border{ border-color:rgb(173, 144, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 144, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 144, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 144, 193);  
box-shadow:4px 4px 4px 4px rgb(173, 144,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 158.2570, 1.5550, 21.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 144, 193) }
```

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

```
.background{ background-color: rgb(173,  
144, 193) }
```

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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