

Converting Colors

YIQ(142.3620, 31.8160, 18.1200)

Have a look what the booklet for
YIQ(142.3620, 31.8160, 18.1200)
contains.

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Color

**YIQ(142.3620, 31.8160,
18.1200)**

Conversions

Conversions Part 1

Format	Color
Hex	B87A8A
RGB	184, 122, 138
RGB Percent	72%, 48%, 54%
CMY	0.2783, 0.5217, 0.4587
CMYK	0.00, 0.34, 0.25, 0.28
HSL	344°, 30%, 60%
HSV	344°, 34%, 72%
XYZ	31.3227, 25.9438, 27.4126
YIQ	142.3620, 31.8160, 18.1200

Conversions

Conversions Part 2

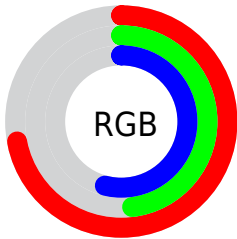
Format	Color
RYB	184, 122, 138
Decimal	12089994
CIELab	57.98, 26.47, 1.27
CIELCh	58, 26.499, 2.749
Yxy	25.9438, 0.3699, 0.3064
Android (android.graphics.Color)	4290280074 (0xFFB87A8A)
YUV	142.3620, -2.1505, 36.5165
Hunter-Lab	50.9351, 20.6328, 3.7455

Details

The YIQ color **142.3620, 31.8160, 18.1200** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **163.6380, -31.8160, -18.1200**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.5580, 34.2000, 18.9680**, and **90.8670, 28.8360, 17.0600** is the 20% darker color. If you saturate the color by 10%, you get **130.2000, 41.2600, 23.1800**, and if you desaturate by 10%, it is **154.5240, 22.3720, 13.0600**.

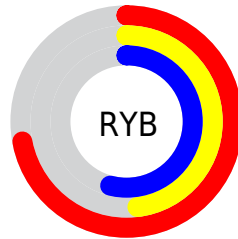
Distribution



Red (72%)

Green (48%)

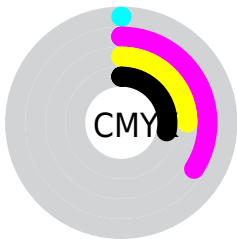
Blue (54%)



Red (72%)

Yellow (48%)

Blue (54%)

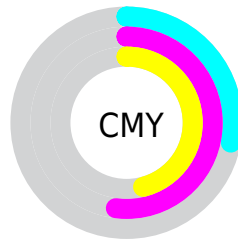


Cyan (0%)

Magenta (34%)

Yellow (25%)

Black (28%)



Cyan (28%)


Magenta (52%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.3620, 31.8160, 18.1200 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 142.3620, 31.8160, 18.1200 by changing the saturation by 10% instead.


 142.3620, 31.8160,
18.1200


 142.3620, 31.8160,
18.1200


255.0000, -0.0000,
-0.0000


 116.4650, 30.0280,
17.4840


 196.5580, 34.2000,
18.9680


 91.1660, 29.4320,
17.2720


 220.3720, 25.8560,
16.0000

 66.9700, 27.0480,
16.4240

 240.1140, 8.8470,
10.3750

 43.4860, 25.5350,
16.3110

 20.2300, 23.3800,
16.8200

 9.3830, 18.1550,
6.8830

 0.0000, 0.0000,

0.0000

■ 142.3620, 31.8160,
18.1200

■ 142.3620, 31.8160,
18.1200

■ 130.2000, 41.2600,
23.1800

■ 154.5240, 22.3720,
13.0600

■ 117.5650, 50.6580,
29.0740

■ 167.1590, 12.9740,
7.1660

■ 105.4030, 60.1020,
34.1340

■ 179.3210, 3.5300,
2.1060

■ 92.6540, 69.8210,
39.7170

■ 192.0700, -6.1890,
-3.4770

■ 80.6060, 78.9440,
45.0880

■ 204.1180,
-15.3120, -8.8480

■ 68.4440, 88.3880,
50.1480

■ 216.2800,
-24.7560, -13.9080

■ 60.4880, 94.2560,
53.9360

■ 229.0290,
-34.4750, -19.4910

■ 232.8590,
-39.7480, -17.5400

■ 233.7710,
-42.3160, -15.0520

Harmonies

Analogous

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



142.8580, 15.8600, 20.9480



142.3620, 31.8160, 18.1200



140.9140, 38.6490, 9.9210

Triad

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



142.3620, 31.8160, 18.1200



135.0860, 4.9090, -17.3870



130.4300, -51.1210, -4.1530

Complementary

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



142.3620, 31.8160, 18.1200



163.6380, -31.8160, -18.1200

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.



126.1700, -56.6210, -14.6130



142.3620, 31.8160, 18.1200



131.8860, -18.0150, -20.4390

Square

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



142.3620, 31.8160, 18.1200



137.9420, 23.1100, -11.3380



128.0220, -41.7650, -19.5330



137.3450, -31.4080, 7.5360

Rectangle

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



142.3620, 31.8160, 18.1200



140.1000, 37.8250, 2.8250



128.0220, -41.7650, -19.5330



128.6420, -54.8340, -8.4500

Sweetspot

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



142.3620, 31.8160, 18.1200



223.8600, 12.3780, 6.9540



142.5230, 6.9180, 28.8220



109.9410, 7.6560, 4.4240



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



142.3620, 31.8160, 18.1200



175.5540, 49.1910, 28.1270



148.7560, 33.1020, 5.8220



85.9190, 4.7220, 2.5300



51.2040, 80.1360, 45.5120



9.1700, 14.4410, 8.1130

Inverse Universe

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



142.3620, 31.8160, 18.1200



175.5540, 49.1910, 28.1270



157.2440, -33.1020, -5.8220



85.9190, 4.7220, 2.5300



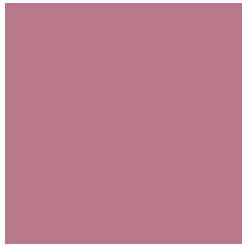
51.2040, 80.1360, 45.5120



9.1700, 14.4410, 8.1130

Previews

White Background



This preview shows how the YIQ color 142.3620, 31.8160, 18.1200 looks on a white background.

Color Contrast Check

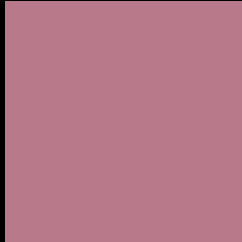
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.3620, 31.8160, 18.1200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

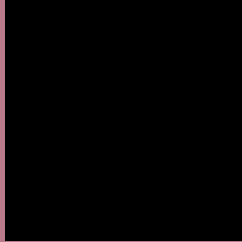
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 142.3620, 31.8160, 18.1200

Background



This preview shows how black text looks on a background with the YIQ color 142.3620, 31.8160, 18.1200.



This preview shows how white text looks on a background with the YIQ color 142.3620, 31.8160,

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

142.3620, 31.8160, 18.1200

Protanopia

140.3250, -2.2930, 3.0110

Deuteranopia

141.0940, 11.5990, 4.5510



Tritanopia

141.9660, 32.8710, 15.5190

Trichromacy



Original Color

142.3620, 31.8160, 18.1200

Protanomaly

141.1310, 10.1770, 8.2970

Deuteranomaly

141.5620, 19.2090, 9.8090

Tritanomaly

142.1940, 32.2290, 16.1410

Monochromacy



Original Color

142.3620, 31.8160, 18.1200

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

142.2620, 11.1860, 6.5300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.3620, 31.8160, 18.1200 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(184, 122, 138)` looks like.

```
.text, #text, p{  
    color:rgb(184, 122, 138)  
}
```

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(184, 122, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 122, 138) }
```

Border

The CSS property to change the border of an element to YIQ 142.3620, 31.8160, 18.1200 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(184, 122, 138) }
```


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

```
.border{ border-color:rgb(184, 122, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 122, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 122, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 122, 138);  
box-shadow:4px 4px 4px 4px rgb(184, 122,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 142.3620, 31.8160, 18.1200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 122, 138) }
```

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

```
.background{ background-color: rgb(184,  
122, 138) }
```

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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