

# Converting Colors

YIQ(144.6200, 22.4620, 22.4460)

Have a look what the booklet for  
YIQ(144.6200, 22.4620, 22.4460)  
contains.

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# Color

**YIQ(144.6200, 22.4620,  
22.4460)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B47C9E
RGB	180, 124, 158
RGB Percent	71%, 49%, 62%
CMY	0.2940, 0.5138, 0.3803
CMYK	0.00, 0.31, 0.12, 0.29
HSL	324°, 27%, 60%
HSV	324°, 31%, 71%
XYZ	32.2092, 26.5866, 35.7891
YIQ	144.6200, 22.4620, 22.4460

# Conversions

## Conversions Part 2

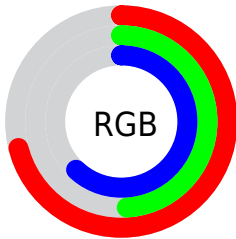
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 124, 158
Decimal	11828382
CIE Lab	58.59, 27.08, -9.42
CIE LCh	59, 28.677, 340.817
Yxy	26.5866, 0.3405, 0.2811
Android (android.graphics.Color)	4290018462 (0xFFB47C9E)
YUV	144.6200, 6.5963, 31.0283
Hunter-Lab	51.5622, 21.2691, -5.0594

# Details

The YIQ color **144.6200, 22.4620, 22.4460** is a light color, and the websafe version is hex **996699**. A complement of this color would be **159.3800, -22.4620, -22.4460**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **199.0440, 24.2040, 23.9160**, and **93.3100, 20.3990, 21.2870** is the 20% darker color. If you saturate the color by 10%, you get **133.2560, 29.6590, 29.6830**, and if you desaturate by 10%, it is **155.9840, 15.2650, 15.2090**.

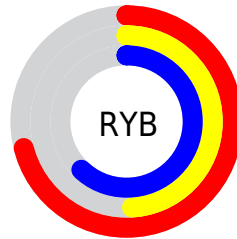
# Distribution



Red (71%)

Green (49%)

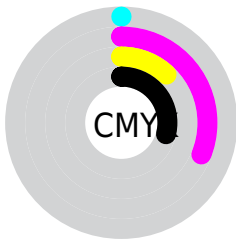
Blue (62%)



Red (71%)

Yellow (49%)

Blue (62%)

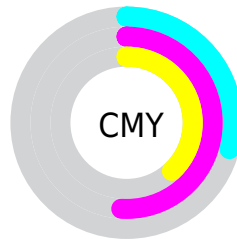


Cyan (0%)

Magenta (31%)

Yellow (12%)

Black (29%)



Cyan (29%)

Magenta (51%)


Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 144.6200, 22.4620, 22.4460 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 144.6200, 22.4620, 22.4460 by changing the saturation by 10% instead.





 144.6200, 22.4620,  
22.4460


 144.6200, 22.4620,  
22.4460


255.0000, -0.0000,  
-0.0000


 118.9080, 21.5910,  
21.7110


 199.0440, 24.2040,  
23.9160


 93.3100, 20.3990,  
21.2870


 224.0540, 18.2440,  
21.7960

 68.8970, 20.1240,  
20.7640

 242.0860, 6.0500,  
11.5060

 45.8860, 18.6570,  
19.8170

 22.2280, 17.6940,  
20.7500

 11.5060, 13.6150,  
12.0710

 0.0000, 0.0000,

0.0000

■ 144.6200, 22.4620,  
22.4460

■ 144.6200, 22.4620,  
22.4460

■ 133.2560, 29.6590,  
29.6830

■ 155.9840, 15.2650,  
15.2090

■ 121.8920, 36.8560,  
36.9200

■ 167.3480, 8.0680,  
7.9720

■ 110.5280, 44.0530,  
44.1570

■ 178.7120, 0.8710,  
0.7350

■ 99.1640, 51.2500,  
51.3940

■ 190.0760, -6.3260,  
-6.5020

■ 87.8000, 58.4470,  
58.6310

■ 201.4400,  
-13.5230, -13.7390

■ 76.4360, 65.6440,  
65.8680

■ 212.8040,  
-20.7200, -20.9760

66.2460, 72.2910,  
72.0590

224.2820,  
-28.2380, -27.9020

228.0150,  
-31.8600, -28.3400

228.8130,  
-34.1070, -26.1630

# Harmonies

## Analogous

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



143.9470, -0.5080, 20.2280



144.6200, 22.4620, 22.4460



143.5860, 36.9970, 17.8370

# Triad

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



144.6200, 22.4620, 22.4460



138.2790, 20.5430, -14.3770



125.9780, -64.8280, -14.5560

# Complementary

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



144.6200, 22.4620, 22.4460



159.3800, -22.4620, -22.4460

# 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.



126.8080, -52.9060, -21.3700



144.6200, 22.4620, 22.4460



135.2700, -1.6010, -20.5530

# Square

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



144.6200, 22.4620, 22.4460



140.8020, 35.4880, -4.3840



131.1560, -27.6430, -22.1630



132.8260, -52.1760, -1.5520



# Rectangle

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



144.6200, 22.4620, 22.4460



142.8220, 41.9040, 11.5040



131.1560, -27.6430, -22.1630



125.4680, -63.4520, -17.4680

# Sweetspot

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



144.6200, 22.4620, 22.4460



221.0600, 8.9390, 8.7070



136.6630, -5.4600, 21.8680



108.7990, 5.1800, 5.2440



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.



144.6200, 22.4620, 22.4460



179.9410, 35.1600, 34.6160



141.5420, 31.1290, 14.0490



83.3750, 3.4380, 3.7740



56.3490, 61.3350, 61.3590



9.4840, 10.6810, 10.1770



# Inverse Universe

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



144.6200, 22.4620, 22.4460



179.9410, 35.1600, 34.6160



162.4580, -31.1290, -14.0490



83.3750, 3.4380, 3.7740



56.3490, 61.3350, 61.3590

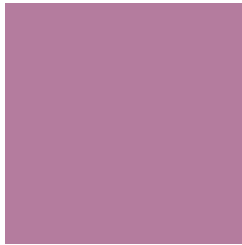


9.4840, 10.6810, 10.1770



# Previews

## White Background



This preview shows how the YIQ color 144.6200, 22.4620, 22.4460 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

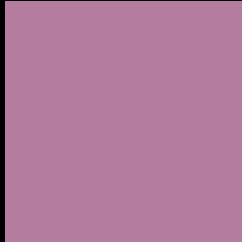
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 144.6200, 22.4620, 22.4460 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

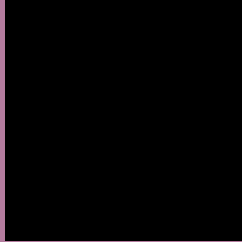
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 144.6200, 22.4620, 22.4460

## Background



This preview shows how black text looks on a background with the YIQ color 144.6200, 22.4620, 22.4460.



This preview shows how white text looks on a background with the YIQ color 144.6200, 22.4620,



# 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

144.6200, 22.4620, 22.4460

### Protanopia

141.8110, -12.2890, 7.9590

### Deuteranopia

142.4550, 0.4570, 8.2410



## Tritanopia

143.9760, 26.9110, 13.3990

# Trichromacy



## Original Color

144.6200, 22.4620, 22.4460

## Protanomaly

142.6170, 0.1810, 13.2450

## Deuteranomaly

143.2220, 8.6630, 13.7110

## Tritanomaly

144.6000, 25.2140, 16.6220

# Monochromacy



## Original Color

144.6200, 22.4620, 22.4460

## Achromatopsia

145.0000, 0.0000, -0.0000

## Achromatomaly

144.7610, 8.3430, 8.4950

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 144.6200, 22.4620, 22.4460 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, 124, 158)` looks like.

```
.text, #text, p{  
    color:rgb(180, 124, 158)  
}
```

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, 124, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 124, 158) }
```

## Border

The CSS property to change the border of an element to YIQ 144.6200, 22.4620, 22.4460 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, 124, 158) }
```



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

```
.border{ border-color:rgb(180, 124, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 124, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 124, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 124, 158);  
box-shadow:4px 4px 4px 4px rgb(180, 124,  
158) }
```

# Background

The CSS property to change the background color of an element to YIQ 144.6200, 22.4620, 22.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 124, 158) }
```

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

```
.background{ background-color: rgb(180,  
124, 158) }
```

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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