

Converting Colors

YIQ(131.2480, 24.1100, 36.6380)

Have a look what the booklet for
YIQ(131.2480, 24.1100, 36.6380)
contains.

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Color

**YIQ(131.2480, 24.1100,
36.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	B165A7
RGB	177, 101, 167
RGB Percent	69%, 40%, 65%
CMY	0.3057, 0.6040, 0.3451
CMYK	0.00, 0.43, 0.06, 0.31
HSL	308°, 33%, 55%
HSV	308°, 43%, 69%
XYZ	29.7711, 21.4454, 39.1350
YIQ	131.2480, 24.1100, 36.6380

Conversions

Conversions Part 2

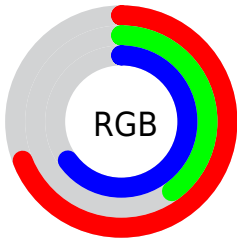
Format	Color
RYB	177, 101, 167
Decimal	11625895
CIELab	53.43, 40.28, -22.49
CIELCh	53, 46.133, 330.828
Yxy	21.4454, 0.3295, 0.2374
Android (android.graphics.Color)	4289815975 (0xFFB165A7)
YUV	131.2480, 17.6257, 40.1245
Hunter-Lab	46.3092, 33.7123, -17.6884

Details

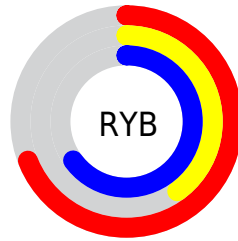
The YIQ color **131.2480, 24.1100, 36.6380** is a light color, and the websafe version is hex **996699**. A complement of this color would be **146.7520, -24.1100, -36.6380**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.6720, 25.8520, 38.1080**, and **79.2370, 22.6430, 35.6910** is the 20% darker color. If you saturate the color by 10%, you get **120.4540, 29.7020, 45.4300**, and if you desaturate by 10%, it is **142.0420, 18.5180, 27.8460**.

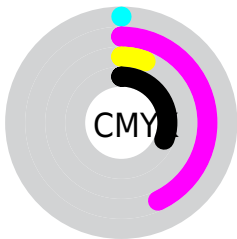
Distribution



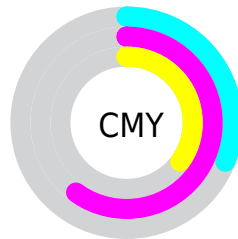
- Red (69%)
- Green (40%)
- Blue (65%)



- Red (69%)
- Yellow (40%)
- Blue (65%)



- Cyan (0%)
- Magenta (43%)
- Yellow (6%)
- Black (31%)





- Cyan (31%)
- Magenta (60%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 131.2480, 24.1100, 36.6380 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 131.2480, 24.1100, 36.6380 by changing the saturation by 10% instead.


 131.2480, 24.1100,
36.6380


 131.2480, 24.1100,
36.6380


255.0000, -0.0000,
-0.0000


 105.4220, 23.5600,
35.5920


 185.6720, 25.8520,
38.1080


 79.2370, 22.6430,
35.6910


 211.1060, 21.6340,
37.4580


 53.3510, 22.3220,
36.0020

 227.9980, 12.6500,
24.0580

 28.7530, 21.1300,
35.5780

 245.0210, 4.6750,
8.8910

 19.3680, 14.4840,
23.8600

 7.7050, 2.7490,
10.7570

 0.0000, 0.0000,

0.0000

131.2480, 24.1100,
36.6380

131.2480, 24.1100,
36.6380

120.4540, 29.7020,
45.4300

142.0420, 18.5180,
27.8460

110.1330, 35.3400,
53.3880

152.3630, 12.8800,
19.8880

99.3390, 40.9320,
62.1800

163.1570, 7.2880,
11.0960

88.5450, 46.5240,
70.9720

173.9510, 1.6960,
2.3040

77.6370, 52.4370,
79.4530

184.8590, -4.2170,
-6.1770

70.4790, 56.0580,
85.4180

195.0660, -9.5340,
-14.4460

■ 205.8600,
-15.1260, -23.2380

■ 216.7680,
-21.0390, -31.7190

■ 224.0400,
-24.9810, -37.3730

Harmonies

Analogous

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



130.1920, -17.0150, 27.5370



131.2480, 24.1100, 36.6380



128.0970, 52.2160, 33.8800

Triad

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



131.2480, 24.1100, 36.6380



123.5290, 40.0300, -20.6260



105.3270, -94.0320, -24.9440

Complementary

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



131.2480, 24.1100, 36.6380



146.7520, -24.1100, -36.6380

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.



100.8810, -81.5130, -37.0730



131.2480, 24.1100, 36.6380



119.3940, 9.3130, -31.1270

Square

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



131.2480, 24.1100, 36.6380



125.5890, 58.1370, -1.8550



110.2930, -35.9390, -37.0190



105.6980, -101.9660, -13.3100

Rectangle

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



131.2480, 24.1100, 36.6380



126.9050, 61.2040, 25.1720



110.2930, -35.9390, -37.0190



103.9590, -90.1800, -28.6760

Sweetspot

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



131.2480, 24.1100, 36.6380



211.9340, 9.5340, 14.4460



112.3550, -19.0320, 25.5440



103.5050, 6.1880, 9.0040



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



131.2480, 24.1100, 36.6380



157.7360, 38.1360, 57.7840



127.0300, 35.9870, 25.1310



83.6030, 2.7960, 4.3960



60.9090, 48.4950, 73.7990



10.2820, 8.4340, 12.3540

Inverse Universe

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



131.2480, 24.1100, 36.6380



157.7360, 38.1360, 57.7840



150.9700, -35.9870, -25.1310



83.6030, 2.7960, 4.3960



60.9090, 48.4950, 73.7990



10.2820, 8.4340, 12.3540

Previews

White Background



This preview shows how the YIQ color 131.2480, 24.1100, 36.6380 looks on a white background.

Color Contrast Check

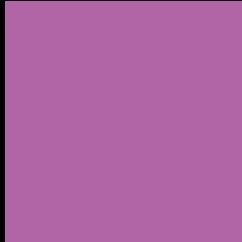
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.2480, 24.1100, 36.6380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

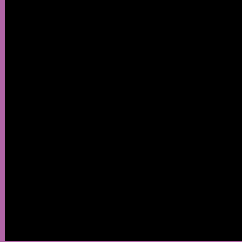
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 131.2480, 24.1100, 36.6380

Background



This preview shows how black text looks on a background with the YIQ color 131.2480, 24.1100, 36.6380.



This preview shows how white text looks on a background with the YIQ color 131.2480, 24.1100,

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

131.2480, 24.1100, 36.6380

Protanopia

127.4580, -29.9880, 14.8440

Deuteranopia

129.0220, -14.2610, 10.6590



Tritanopia

129.8520, 33.1920, 15.2080

Trichromacy



Original Color

131.2480, 24.1100, 36.6380

Protanomaly

128.8520, -10.3660, 22.6740

Deuteranomaly

129.8330, -0.1870, 19.9170

Tritanomaly

130.0400, 30.0270, 23.0110

Monochromacy



Original Color

131.2480, 24.1100, 36.6380

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.1080, 8.9840, 13.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.2480, 24.1100, 36.6380 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(177, 101, 167)` looks like.

```
.text, #text, p{  
    color:rgb(177, 101, 167)  
}
```

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(177, 101, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 101, 167) }
```

Border

The CSS property to change the border of an element to YIQ 131.2480, 24.1100, 36.6380 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(177, 101, 167) }
```


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

```
.border{ border-color:rgb(177, 101, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 101, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 101, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 101, 167);  
box-shadow:4px 4px 4px 4px rgb(177, 101,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 131.2480, 24.1100, 36.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 101, 167) }
```

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

```
.background{ background-color: rgb(177,  
101, 167) }
```

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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