

Converting Colors

`RYB(180, 97, 141)`

Have a look what the booklet for
RYB(180, 97, 141) contains.

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Color

R_YB(180, 97, 141)

Conversions

Conversions Part 1

Format	Color
Hex	B4618D
RGB	180, 97, 141
RGB Percent	71%, 38%, 55%
CMY	0.2941, 0.6196, 0.4471
CMYK	0.00, 0.46, 0.22, 0.29
HSL	328°, 36%, 54%
HSV	328°, 46%, 71%
XYZ	27.9048, 20.1758, 27.6229
YIQ	126.8330, 35.3440, 31.2800

Conversions

Conversions Part 2

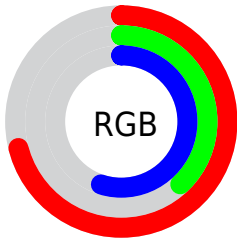
Format	Color
R_{YB}	180, 97, 141
Decimal	11821453
CIE Lab	52.04, 39.06, -9.31
CIE LCh	52, 40.153, 346.597
Yxy	20.1758, 0.3686, 0.2665
Android (android.graphics.Color)	4290011533 (0xFFB4618D)
YUV	126.8330, 6.9843, 46.6275
Hunter-Lab	44.9175, 32.2869, -5.0193

Details

The RYB color **180, 97, 141** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **97, 153, 180**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **237, 150, 195**, and **125, 46, 91** is the 20% darker color. If you saturate the color by 10%, you get **180, 79, 133**, and if you desaturate by 10%, it is **180, 115, 149**.

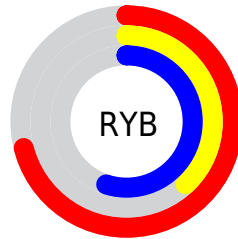
Distribution



Red (71%)

Green (38%)

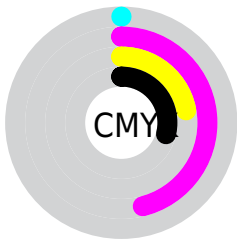
Blue (55%)



Red (71%)

Yellow (38%)

Blue (55%)

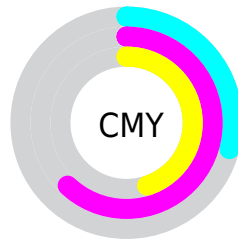


Cyan (0%)

Magenta (46%)

Yellow (22%)

Black (29%)



Cyan (29%)


Magenta (62%)

Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the RYB color 180, 97, 141 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 RYB color 180, 97, 141 by changing the saturation by 10% instead.

 180, 97, 141

255, 255, 255

 237, 150, 195

 255, 177, 223

 255, 205, 251

 255, 234, 255

 180, 97, 141

 152, 72, 115

 125, 46, 91


 99, 20, 67


 73, 0, 45

 50, 0, 25


 12, 0, 0


 0, 0, 0


 180, 97, 141

 180, 79, 133


 180, 97, 141


 180, 115, 149


 180, 61, 124

 180, 133, 158


 180, 43, 116

 180, 151, 166


 180, 25, 107

 180, 169, 175

 180, 7, 99

 180, 185, 187

 180, 0, 95

 180, 197, 205

 180, 209, 223

 180, 221, 241

 180, 230, 255

Harmonies

Analogous

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



151, 108, 172



180, 97, 141



189, 96, 106

Triad

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



180, 97, 141



55, 128, 57



0, 77, 173

Complementary

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



180, 97, 141



97, 153, 180

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.



0, 71, 143



180, 97, 141



75, 136, 124

Square

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



180, 97, 141



125, 158, 56



24, 92, 141



0, 78, 191

Rectangle

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



180, 97, 141



185, 104, 85



24, 92, 141



0, 76, 164

Sweetspot

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



180, 97, 141



235, 202, 219



136, 97, 180



117, 97, 108



245, 245, 245



117, 117, 117

Same Dimension

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



180, 97, 141



235, 106, 174



180, 97, 100



89, 80, 85



153, 0, 81



26, 0, 14

Inverse Universe

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



180, 97, 141



235, 106, 174



97, 139, 180



89, 80, 85



153, 0, 81



26, 0, 14

Previews

White Background



This preview shows how the RYB color 180, 97, 141 looks on a white background.

Color Contrast Check

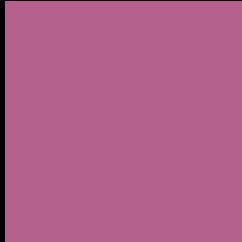
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 180, 97, 141 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](#).

R Y B 180, 97, 141 Background



This preview shows how black text looks on a background with the RYB color 180, 97, 141.

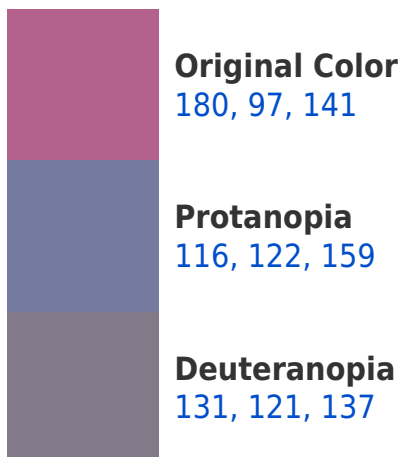



This preview shows how white text looks on a background with the RYB color 180, 97, 141.

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





Tritanopia
177, 103, 111

Trichromacy



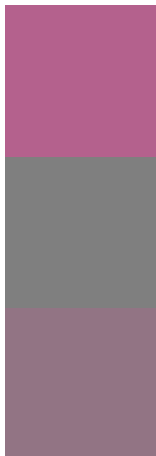
Original Color
180, 97, 141

Protanomaly
139, 114, 152

Deuteranomaly
149, 112, 138

Tritanomaly
178, 101, 122

Monochromacy



Original Color
180, 97, 141

Achromatopsia
127, 127, 127

Achromatomaly
146, 116, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 97, 141 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, 97, 141)` looks like.

```
.text, #text, p{  
    color:rgb(180, 97, 141)  
}
```

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, 97, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 97, 141) }
```

Border

The CSS property to change the border of an element to RYB 180, 97, 141 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, 97, 141) }
```

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

```
.border{ border-color:rgb(180, 97, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 97, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 97, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 97, 141);  
box-shadow:4px 4px 4px 4px rgb(180, 97,  
141) }
```

Background

The CSS property to change the background color of an element to RGB 180, 97, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 97, 141) }
```

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

```
.background{ background-color: rgb(180, 97,  
141) }
```

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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