

Converting Colors

`RYB(178, 133, 150)`

Have a look what the booklet for
RYB(178, 133, 150) contains.

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Color

R_YB(178, 133, 150)

Conversions

Conversions Part 1

Format	Color
Hex	B28596
RGB	178, 133, 150
RGB Percent	70%, 52%, 59%
CMY	0.3020, 0.4784, 0.4118
CMYK	0.00, 0.25, 0.16, 0.30
HSL	337°, 23%, 61%
HSV	337°, 25%, 70%
XYZ	32.2526, 28.4420, 32.6441
YIQ	148.3930, 21.3630, 14.8270

Conversions

Conversions Part 2

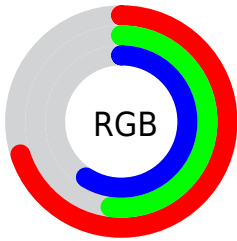
Format	Color
RYB	178, 133, 150
Decimal	11699606
CIELab	60.29, 19.93, -2.33
CIELCh	60, 20.065, 353.330
Yxy	28.4420, 0.3455, 0.3047
Android (android.graphics.Color)	4289889686 (0xFFB28596)
YUV	148.3930, 0.7923, 25.9653
Hunter-Lab	53.3311, 14.6207, 1.0402

Details

The RYB color **178, 133, 150** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **133, 161, 178**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **234, 186, 204**, and **125, 83, 99** is the 20% darker color. If you saturate the color by 10%, you get **178, 115, 139**, and if you desaturate by 10%, it is **178, 151, 161**.

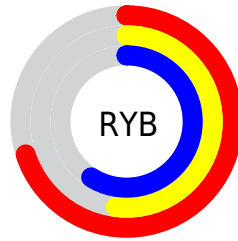
Distribution



Red (70%)

Green (52%)

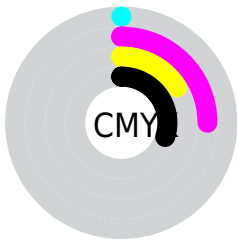
Blue (59%)



Red (70%)

Yellow (52%)

Blue (59%)

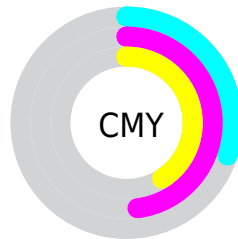


Cyan (0%)

Magenta (25%)

Yellow (16%)

Black (30%)



Cyan (30%)

Magenta (48%)

Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the RYB color 178, 133, 150 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 178, 133, 150 by changing the saturation by 10% instead.

 178, 133, 150


255, 255, 255

 234, 186, 204

 255, 214, 232

 255, 243, 255


 178, 133, 150

 151, 108, 124

 125, 83, 99

 99, 59, 75

 75, 37, 53

 51, 16, 32


 33, 0, 8


 0, 0, 0

 178, 133, 150

 178, 115, 139

 178, 133, 150


 178, 151, 161


 178, 97, 128

 178, 169, 172

 178, 80, 117

 178, 183, 186

 178, 62, 106

 178, 194, 204

 178, 44, 95

 178, 205, 222

 178, 26, 84

 178, 216, 240

 178, 8, 72

 178, 225, 255

 178, 0, 67

 178, 221, 255

 178, 218, 255

Harmonies

Analogous

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



164, 136, 167



178, 133, 150



182, 133, 132

Triad

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



178, 133, 150



113, 148, 117



100, 131, 173

Complementary

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



178, 133, 150



133, 161, 178

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.



95, 126, 159



178, 133, 150



124, 153, 153

Square

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



178, 133, 150



140, 162, 110



105, 134, 155



119, 139, 180

Rectangle

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



178, 133, 150



179, 141, 122



105, 134, 155



97, 129, 169

Sweetspot

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



178, 133, 150



232, 213, 220



161, 133, 178



117, 106, 110



245, 245, 245



117, 117, 117

Same Dimension

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



178, 133, 150



232, 162, 189



178, 139, 133



89, 80, 84



153, 0, 58



26, 0, 10

Inverse Universe

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



178, 133, 150



232, 162, 189



133, 154, 178



89, 80, 84



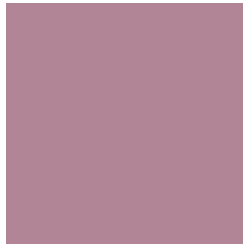
153, 0, 58



26, 0, 10

Previews

White Background



This preview shows how the RYB color 178, 133, 150 looks on a white background.

Color Contrast Check

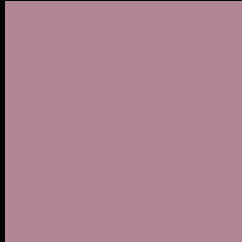
Large Text (above 18pt) WCAG AA ✓ Pass

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 178, 133, 150 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](#).

RYB 178, 133, 150 Background



This preview shows how black text looks on a background with the RYB color 178, 133, 150.



This preview shows how white text looks on a background with the RYB color 178, 133, 150.

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
178, 133, 150

Protanopia
145, 145, 157

Deuteranopia
158, 141, 148



Tritanopia

177, 134, 144

Trichromacy



Original Color
178, 133, 150

Protanomaly
157, 141, 154

Deuteranomaly
165, 138, 149

Tritanomaly
177, 134, 146

Monochromacy



Original Color
178, 133, 150

Achromatopsia
148, 148, 148

Achromatomaly
159, 143, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 133, 150 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(178, 133, 150)` looks like.

```
.text, #text, p{  
    color:rgb(178, 133, 150)  
}
```

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(178, 133, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 133, 150) }
```

Border

The CSS property to change the border of an element to RYB 178, 133, 150 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(178, 133, 150) }
```

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

```
.border{ border-color:rgb(178, 133, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 133, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 133, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 133, 150);  
box-shadow:4px 4px 4px 4px rgb(178, 133,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 178, 133, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 133, 150) }
```

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

```
.background{ background-color: rgb(178,  
133, 150) }
```

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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