

Converting Colors

`RYB(178, 154, 177)`

Have a look what the booklet for
RYB(178, 154, 177) contains.

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Color

$\text{RYB}(178, 154, 177)$

Conversions

Conversions Part 1

Format	Color
Hex	B29AB1
RGB	178, 154, 177
RGB Percent	70%, 60%, 69%
CMY	0.3020, 0.3961, 0.3059
CMYK	0.00, 0.13, 0.01, 0.30
HSL	302°, 13%, 65%
HSV	302°, 13%, 70%
XYZ	37.8515, 35.7505, 46.5005
YIQ	163.7980, 6.9210, 12.2410

Conversions

Conversions Part 2

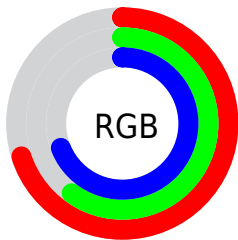
Format	Color
RYB	178, 154, 177
Decimal	11705009
CIELab	66.33, 13.00, -8.67
CIElCh	66, 15.621, 326.302
Yxy	35.7505, 0.3152, 0.2977
Android (android.graphics.Color)	4289895089 (0xFFB29AB1)
YUV	163.7980, 6.5086, 12.4552
Hunter-Lab	59.7917, 8.3650, -4.2561

Details

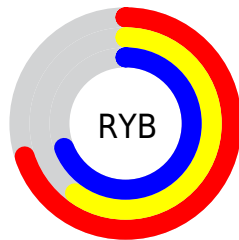
The RYB color **178, 154, 177** is a light color, and the websafe version is hex **999999**. A complement of this color would be **154, 177, 178**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **234, 208, 233**, and **125, 103, 124** is the 20% darker color. If you saturate the color by 10%, you get **178, 136, 176**, and if you desaturate by 10%, it is **178, 172, 178**.

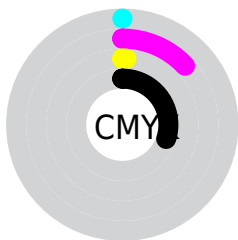
Distribution



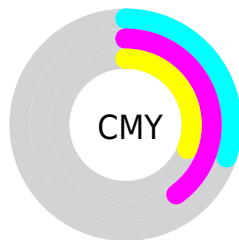
- Red (70%)
- Green (60%)
- Blue (69%)



- Red (70%)
- Yellow (60%)
- Blue (69%)



- Cyan (0%)
- Magenta (13%)
- Yellow (1%)
- Black (30%)



- Cyan (30%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 154, 177 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, 154, 177 by changing the saturation by 10% instead.


 178, 154, 177

255, 255, 255


 234, 208, 233

 255, 237, 255

 178, 154, 177

 151, 128, 150

 125, 103, 124

 100, 79, 100

 76, 56, 76


 53, 34, 53

 32, 13, 32

 0, 0, 6

 0, 0, 0

 178, 154, 177

 178, 154, 177

178, 136, 176

178, 172, 178

178, 118, 176

178, 190, 190

178, 101, 175

178, 206, 207

178, 83, 174

178, 223, 225

178, 65, 173

178, 240, 243

178, 47, 173

178, 252, 255

178, 29, 172

178, 251, 255

178, 12, 171

178, 250, 255

178, 0, 171

178, 249, 255

Harmonies

Analogous

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



162, 158, 186



178, 154, 177



188, 152, 164

Triad

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



178, 154, 177



154, 174, 133



124, 147, 173

Complementary

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



178, 154, 177



154, 177, 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.



130, 152, 169



178, 154, 177



136, 164, 141

Square

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



178, 154, 177



186, 164, 138



143, 166, 168



129, 151, 184

Rectangle

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



178, 154, 177



191, 152, 154



143, 166, 168



125, 147, 169

Sweetspot

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



178, 154, 177



232, 223, 232



155, 154, 178



117, 111, 117



245, 245, 245



117, 117, 117

Same Dimension

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



178, 154, 177



232, 195, 231



178, 154, 165



89, 80, 89



153, 0, 147



26, 0, 24

Inverse Universe

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



178, 154, 177



232, 195, 231



154, 170, 178



89, 80, 89



153, 0, 147



26, 0, 24

Previews

White Background



This preview shows how the RYB color 178, 154, 177 looks on a white background.

Color Contrast Check

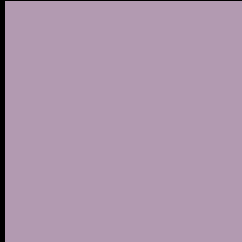
Large Text (above 18pt) WCAG AA × Fail

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, 154, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

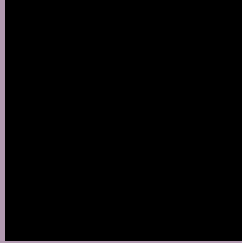
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 178, 154, 177 Background



This preview shows how black text looks on a background with the RYB color 178, 154, 177.



This preview shows how white text looks on a background with the RYB color 178, 154, 177.

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, 154, 177

Protanopia
158, 160, 181

Deuteranopia
170, 157, 176



Tritanopia
177, 156, 168

Trichromacy



Original Color
178, 154, 177

Protanomaly
165, 158, 180

Deuteranomaly
173, 156, 176

Tritanomaly
177, 155, 171

Monochromacy



Original Color
178, 154, 177

Achromatopsia
164, 164, 164

Achromatomaly
169, 160, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 154, 177 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, 154, 177) looks like.

```
.text, #text, p{  
    color:rgb(178, 154, 177)  
}
```

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, 154, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 154, 177) }
```

Border

The CSS property to change the border of an element to RYB 178, 154, 177 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, 154, 177) }
```

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

```
.border{ border-color:rgb(178, 154, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 154, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 154, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 154, 177);  
box-shadow:4px 4px 4px 4px rgb(178, 154,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 178, 154, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 154, 177) }
```

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

```
.background{ background-color: rgb(178,  
154, 177) }
```

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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