

Converting Colors

`RYB(178, 107, 114)`

Have a look what the booklet for
RYB(178, 107, 114) contains.

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Color

R_YB(178, 107, 114)

Conversions

Conversions Part 1

Format	Color
Hex	B26B72
RGB	178, 107, 114
RGB Percent	70%, 42%, 45%
CMY	0.3020, 0.5804, 0.5529
CMYK	0.00, 0.40, 0.36, 0.30
HSL	354°, 32%, 56%
HSV	354°, 40%, 70%
XYZ	26.6551, 21.1953, 18.6058
YIQ	129.0270, 40.0690, 17.2290

Conversions

Conversions Part 2

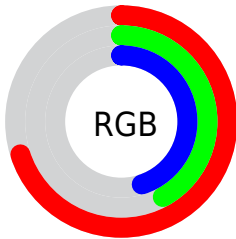
Format	Color
R_{YB}	178, 107, 114
Decimal	11692914
CIE _{Lab}	53.16, 29.16, 8.26
CIE _{LCh}	53, 30.311, 15.817
Yxy	21.1953, 0.4011, 0.3189
Android (android.graphics.Color)	4289882994 (0xFFB26B72)
YUV	129.0270, -7.4083, 42.9493
Hunter-Lab	46.0383, 22.7800, 8.2655

Details

The RYB color **178, 107, 114** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **107, 144, 178**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **236, 159, 166**, and **123, 58, 66** is the 20% darker color. If you saturate the color by 10%, you get **178, 89, 98**, and if you desaturate by 10%, it is **178, 125, 130**.

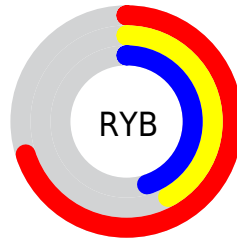
Distribution



Red (70%)

Green (42%)

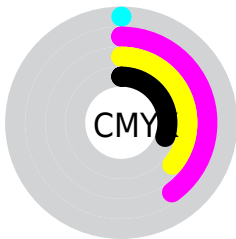
Blue (45%)



Red (70%)

Yellow (42%)

Blue (45%)

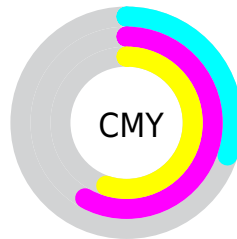


Cyan (0%)

Magenta (40%)

Yellow (36%)

Black (30%)



Cyan (30%)

Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 107, 114 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, 107, 114 by changing the saturation by 10% instead.

 178, 107, 114

255, 255, 255

 236, 159, 166

 255, 187, 193

 255, 215, 221

 255, 243, 249

 178, 107, 114

 150, 82, 90

 123, 58, 66

 96, 34, 44

 70, 9, 24

 48, 0, 0

 0, 0, 0

 178, 107, 114

 178, 89, 98

 178, 71, 82

 178, 107, 114


 178, 125, 130

 178, 143, 146

 178, 54, 66

 178, 160, 162

 178, 36, 50

 178, 178, 178

 178, 18, 34

 178, 188, 196

 178, 0, 18

 178, 197, 214

 178, 207, 232

 178, 215, 249

 178, 217, 255

Harmonies

Analogous

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



170, 108, 140



178, 107, 114



172, 119, 91

Triad

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



178, 107, 114



90, 136, 125



67, 108, 177

Complementary

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



178, 107, 114



107, 144, 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.



21, 86, 164



178, 107, 114



68, 112, 140

Square

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



178, 107, 114



76, 130, 76



30, 86, 141



112, 123, 177

Rectangle

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



178, 107, 114



162, 151, 80



30, 86, 141



51, 101, 174

Sweetspot

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



178, 107, 114



232, 204, 207



171, 107, 178



117, 101, 102



245, 245, 245



117, 117, 117

Same Dimension

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



178, 107, 114



232, 121, 132



178, 153, 107



89, 80, 81



153, 0, 15



26, 0, 3

Inverse Universe

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



178, 107, 114



232, 121, 132



107, 134, 178



89, 80, 81



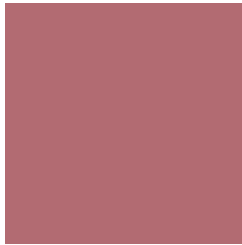
153, 0, 15



26, 0, 3

Previews

White Background



This preview shows how the RYB color 178, 107, 114 looks on a white background.

Color Contrast Check

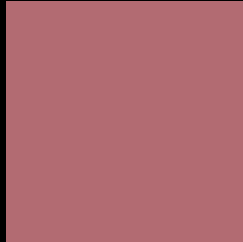
Large Text (above 18pt) WCAG AA ✓ Pass

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, 107, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

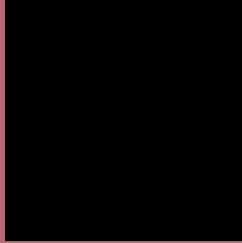
Any Text WCAG AA ✓ Pass

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, 107, 114 Background



This preview shows how black text looks on a background with the RYB color 178, 107, 114.



This preview shows how white text looks on a background with the RYB color 178, 107, 114.

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, 107, 114

Protanopia
130, 128, 125

Deuteranopia
146, 129, 111



Tritanopia
178, 107, 115

Trichromacy



Original Color

178, 107, 114

Protanomaly

147, 120, 121

Deuteranomaly

158, 118, 112

Tritanomaly

178, 107, 115

Monochromacy



Original Color

178, 107, 114

Achromatopsia

129, 129, 129

Achromatomaly

147, 121, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 107, 114 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, 107, 114)` looks like.

```
.text, #text, p{  
    color:rgb(178, 107, 114)  
}
```

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, 107, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 107, 114) }
```

Border

The CSS property to change the border of an element to RYB 178, 107, 114 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, 107, 114) }
```

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

```
.border{ border-color:rgb(178, 107, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 107, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 107, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 107, 114);  
box-shadow:4px 4px 4px 4px rgb(178, 107,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 178, 107, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 107, 114) }
```

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

```
.background{ background-color: rgb(178,  
107, 114) }
```

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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