

Converting Colors

`RYB(182, 157, 183)`

Have a look what the booklet for RYB(182, 157, 183) contains.

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Color

R_{YB}(182, 157, 183)

Conversions

Conversions Part 1

Format	Color
Hex	B69DB7
RGB	182, 157, 183
RGB Percent	71%, 62%, 72%
CMY	0.2863, 0.3843, 0.2824
CMYK	0.01, 0.14, 0.00, 0.28
HSL	298°, 15%, 67%
HSV	298°, 14%, 72%
XYZ	39.8956, 37.4779, 49.9310
YIQ	167.4390, 6.5540, 13.3860

Conversions

Conversions Part 2

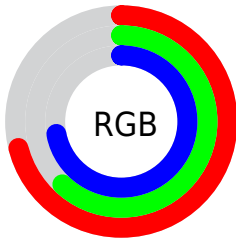
Format	Color
RYB	182, 157, 183
Decimal	11967927
CIELab	67.63, 13.88, -10.03
CIELCh	68, 17.123, 324.134
Yxy	37.4779, 0.3134, 0.2944
Android (android.graphics.Color)	4290158007 (0xFFB69DB7)
YUV	167.4390, 7.6716, 12.7700
Hunter-Lab	61.2192, 9.1921, -5.5040

Details

The RYB color **182, 157, 183** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **157, 183, 182**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **238, 212, 239**, and **129, 106, 130** is the 20% darker color. If you saturate the color by 10%, you get **181, 139, 183**, and if you desaturate by 10%, it is **183, 175, 183**.

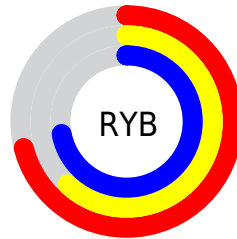
Distribution



Red (71%)

Green (62%)

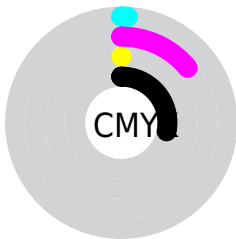
Blue (72%)



Red (71%)

Yellow (62%)

Blue (72%)

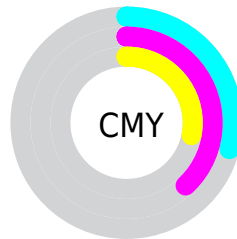


Cyan (1%)

Magenta (14%)

Yellow (0%)

Black (28%)



Cyan (29%)

Magenta (38%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 157, 183 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 182, 157, 183 by changing the saturation by 10% instead.

 182, 157, 183

255, 255, 255

 238, 212, 239

 255, 240, 255

 182, 157, 183

 155, 131, 156

 129, 106, 130

 104, 81, 105

 79, 58, 81

 56, 36, 58


 34, 16, 36

 3, 0, 14


 0, 0, 0

 182, 157, 183


 182, 157, 183

 181, 139, 183

 183, 175, 183

 181, 120, 183


 183, 194, 194

 180, 102, 183

 183, 212, 211

 179, 84, 183

 183, 230, 228

 178, 66, 183


 183, 249, 246

 178, 47, 183

 183, 255, 252

 177, 29, 183

 183, 255, 251

 176, 11, 183

 183, 255, 250

 176, 0, 183

Harmonies

Analogous

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



164, 162, 193



182, 157, 183



194, 154, 168

Triad

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



182, 157, 183



161, 180, 134



124, 149, 177

Complementary

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



182, 157, 183



157, 183, 182

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.



131, 156, 174



182, 157, 183



136, 168, 141

Square

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



182, 157, 183



192, 168, 140



146, 171, 171



128, 153, 189

Rectangle

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



182, 157, 183



197, 154, 158



146, 171, 171



125, 150, 174

Sweetspot

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



182, 157, 183



237, 228, 237



157, 158, 183



120, 114, 120



247, 247, 247



120, 120, 120

Same Dimension

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



182, 157, 183



236, 197, 237



183, 157, 171



91, 83, 92



150, 0, 156



27, 0, 28

Inverse Universe

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



183, 157, 158



237, 197, 198



157, 175, 183



92, 83, 83



156, 0, 6



28, 0, 1

Previews

White Background



This preview shows how the RYB color 182, 157, 183 looks on a white background.

Color Contrast Check

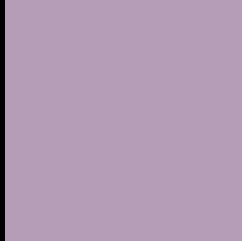
Large Text (above 18pt) WCAG AA × Fail

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 182, 157, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

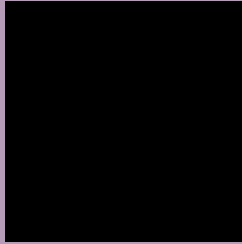
Any Text WCAG AA ✓ Pass

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 182, 157, 183 Background



This preview shows how black text looks on a background with the RYB color 182, 157, 183.



This preview shows how white text looks on a background with the RYB color 182, 157, 183.

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
182, 157, 183

Protanopia
161, 164, 187

Deuteranopia
173, 160, 182



Tritanopia
180, 159, 171

Trichromacy



Original Color
182, 157, 183

Protanomaly
169, 161, 186

Deuteranomaly
176, 159, 182

Tritanomaly
181, 158, 175

Monochromacy



Original Color
182, 157, 183

Achromatopsia
167, 167, 167

Achromatomaly
172, 163, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 157, 183 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(182, 157, 183)` looks like.

```
.text, #text, p{  
    color:rgb(182, 157, 183)  
}
```

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(182, 157, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 157, 183) }
```

Border

The CSS property to change the border of an element to RYB 182, 157, 183 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(182, 157, 183) }
```

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

```
.border{ border-color:rgb(182, 157, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 157, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 157, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 157, 183);  
box-shadow:4px 4px 4px 4px rgb(182, 157,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 182, 157, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 157, 183) }
```

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

```
.background{ background-color: rgb(182,  
157, 183) }
```

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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