

Converting Colors

`RYB(187, 182, 204)`

Have a look what the booklet for
RYB(187, 182, 204) contains.

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Color

R_YB(187, 182, 204)

Conversions

Conversions Part 1

Format	Color
Hex	BBB6CC
RGB	187, 182, 204
RGB Percent	73%, 71%, 80%
CMY	0.2667, 0.2863, 0.2000
CMYK	0.08, 0.11, 0.00, 0.20
HSL	254°, 18%, 76%
HSV	254°, 11%, 80%
XYZ	48.1205, 48.3803, 63.9289
YIQ	186.0030, -4.0820, 7.9020

Conversions

Conversions Part 2

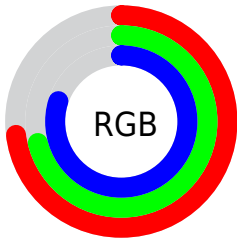
Format	Color
R _Y B	187, 182, 204
Decimal	12302028
CIE Lab	75.06, 5.99, -10.46
CIE LCh	75, 12.057, 299.775
Yxy	48.3803, 0.2999, 0.3016
Android (android.graphics.Color)	4290492108 (0xFFBBB6CC)
YUV	186.0030, 8.8725, 0.8744
Hunter-Lab	69.5560, 1.7678, -5.8042

Details

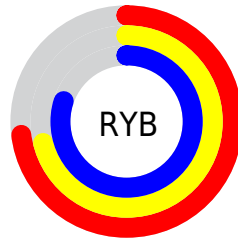
The RYB color **187, 182, 204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **182, 204, 187**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **243, 238, 255**, and **134, 129, 150** is the 20% darker color. If you saturate the color by 10%, you get **171, 162, 204**, and if you desaturate by 10%, it is **203, 202, 204**.

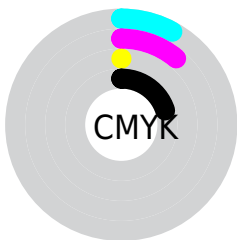
Distribution



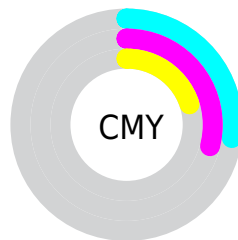
- Red (73%)
- Green (71%)
- Blue (80%)



- Red (73%)
- Yellow (71%)
- Blue (80%)



- Cyan (8%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)



- Cyan (27%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 187, 182, 204 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 187, 182, 204 by changing the saturation by 10% instead.

■ 187, 182, 204

255, 255, 255

■ 243, 238, 255

■ 187, 182, 204

■ 160, 155, 177

■ 134, 129, 150

■ 108, 104, 124

■ 84, 80, 99


■ 61, 57, 75


■ 39, 36, 53


■ 19, 14, 31

■ 0, 0, 5


■ 0, 0, 0

 187, 182, 204


 187, 182, 204

 171, 162, 204


 203, 202, 204

 155, 141, 204

 204, 223, 208

 140, 121, 204


 204, 243, 213

 124, 100, 204


 204, 255, 209


 108, 80, 204

 204, 255, 204

 92, 60, 204

 77, 39, 204

 61, 19, 204

 46, 0, 204

Harmonies

Analogous

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



173, 182, 207



187, 182, 204



199, 179, 196

Triad

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



187, 182, 204



204, 188, 166



160, 177, 191

Complementary

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



187, 182, 204



182, 204, 187

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.



169, 187, 190



187, 182, 204



178, 194, 163

Square

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



187, 182, 204



209, 179, 174



165, 187, 170



157, 175, 195

Rectangle

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



187, 182, 204



205, 178, 189



165, 187, 170



162, 180, 191

Sweetspot

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



187, 182, 204



249, 247, 255



182, 192, 204



124, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



187, 182, 204



229, 222, 255



198, 182, 204



94, 92, 102



38, 0, 166



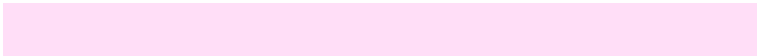
9, 0, 38

Inverse Universe

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



204, 182, 199



255, 222, 247



182, 204, 198



102, 92, 100



166, 0, 128



38, 0, 30

Previews

White Background



This preview shows how the RYB color 187, 182, 204 looks on a white background.

Color Contrast Check

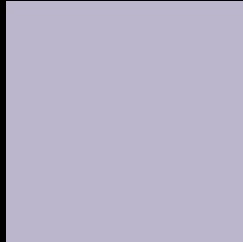
Large Text (above 18pt) WCAG AA × Fail

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 187, 182, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

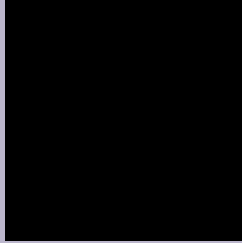
Any Text WCAG AA ✓ Pass

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 187, 182, 204 Background



This preview shows how black text looks on a background with the RYB color 187, 182, 204.



This preview shows how white text looks on a background with the RYB color 187, 182, 204.

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
[187](#), [182](#), [204](#)

Protanopia
[182](#), [183](#), [205](#)

Deuteranopia
[194](#), [180](#), [204](#)



Tritanopia

186, 183, 198

Trichromacy



Original Color

187, 182, 204

Protanomaly

184, 183, 205

Deuteranomaly

191, 181, 204

Tritanomaly

186, 183, 200

Monochromacy



Original Color

187, 182, 204

Achromatopsia

186, 186, 186

Achromatomaly

186, 185, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 182, 204 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(187, 182, 204) looks like.

```
.text, #text, p{  
    color:rgb(187, 182, 204)  
}
```

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(187, 182, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 182, 204) }
```

Border

The CSS property to change the border of an element to RYB 187, 182, 204 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(187, 182, 204) }
```

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

```
.border{ border-color:rgb(187, 182, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 182, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 182, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 182, 204);  
box-shadow:4px 4px 4px 4px rgb(187, 182,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 187, 182, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 182, 204) }
```

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

```
.background{ background-color: rgb(187,  
182, 204) }
```

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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