

Converting Colors

`RYB(203, 180, 190)`

Have a look what the booklet for RYB(203, 180, 190) contains.

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Color

R_YB(203, 180, 190)

Conversions

Conversions Part 1

Format	Color
Hex	CBB4BE
RGB	203, 180, 190
RGB Percent	80%, 71%, 75%
CMY	0.2039, 0.2941, 0.2549
CMYK	0.00, 0.11, 0.06, 0.20
HSL	334°, 18%, 75%
HSV	334°, 11%, 80%
XYZ	50.2441, 49.0567, 55.5359
YIQ	188.0170, 10.4980, 7.9860

Conversions

Conversions Part 2

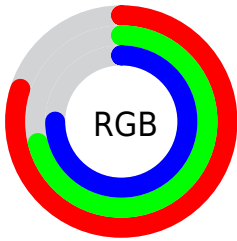
Format	Color
R_YB	203, 180, 190
Decimal	13350078
CIE Lab	75.49, 9.94, -2.06
CIE LCh	75, 10.156, 348.290
Yxy	49.0567, 0.3245, 0.3168
Android (android.graphics.Color)	4291540158 (0xFFCBB4BE)
YUV	188.0170, 0.9776, 13.1401
Hunter-Lab	70.0405, 5.4775, 2.0166

Details

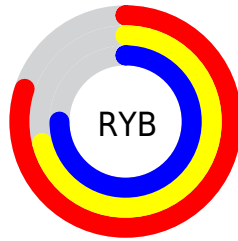
The RYB color **203, 180, 190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **180, 195, 203**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 236, 246**, and **149, 127, 137** is the 20% darker color. If you saturate the color by 10%, you get **203, 160, 179**, and if you desaturate by 10%, it is **203, 200, 201**.

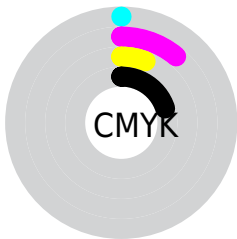
Distribution



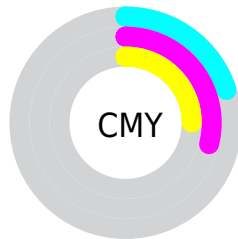
- Red (80%)
- Green (71%)
- Blue (75%)



- Red (80%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (20%)



- Cyan (20%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 180, 190 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 203, 180, 190 by changing the saturation by 10% instead.

 203, 180, 190

255, 255, 255


 255, 236, 246

 203, 180, 190


 176, 153, 163

 149, 127, 137

 123, 102, 111

 98, 78, 87


 74, 55, 64

 51, 34, 42

 30, 12, 21

 0, 0, 0

 203, 180, 190


 203, 180, 190

 203, 160, 179


 203, 200, 201

 203, 139, 167


 203, 215, 221

 203, 119, 156


 203, 227, 241

 203, 99, 144


 203, 235, 255


 203, 79, 133

 203, 231, 255

 203, 58, 121

 203, 229, 255

 203, 38, 110

 203, 18, 98

 203, 0, 88

Harmonies

Analogous

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



195, 182, 198



203, 180, 190



206, 180, 180

Triad

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



203, 180, 190



169, 188, 168



165, 180, 200

Complementary

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



203, 180, 190



180, 195, 203

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.



163, 178, 192



203, 180, 190



173, 190, 186

Square

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



203, 180, 190



194, 198, 168



168, 182, 191



172, 183, 204

Rectangle

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



203, 180, 190



206, 182, 175



168, 182, 191



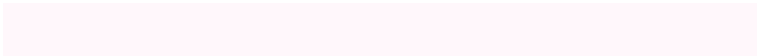
163, 178, 197

Sweetspot

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



203, 180, 190



255, 247, 251



193, 180, 203



128, 122, 125



0, 0, 0



128, 128, 128

Same Dimension

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



203, 180, 190



255, 219, 235



203, 181, 180



102, 92, 96



166, 0, 72



38, 0, 17

Inverse Universe

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



203, 180, 190



255, 219, 235



180, 191, 203



102, 92, 96



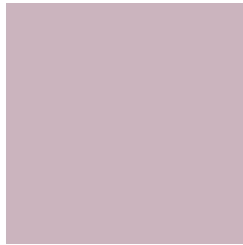
166, 0, 72



38, 0, 17

Previews

White Background



This preview shows how the RYB color 203, 180, 190 looks on a white background.

Color Contrast Check

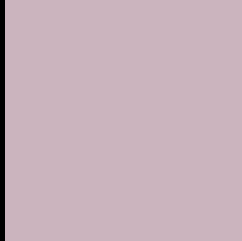
Large Text (above 18pt) WCAG AA × Fail

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 203, 180, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

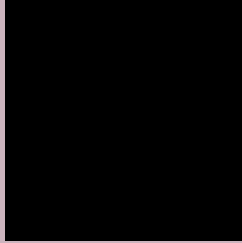
Any Text WCAG AA ✓ Pass

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](#).

RYP 203, 180, 190 Background



This preview shows how black text looks on a background with the RYB color 203, 180, 190.



This preview shows how white text looks on a background with the RYB color 203, 180, 190.

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
203, 180, 190

Protanopia
187, 185, 193

Deuteranopia
202, 180, 190



Tritanopia
203, 179, 193

Trichromacy



Original Color

203, 180, 190

Protanomaly

193, 183, 192

Deuteranomaly

202, 180, 190

Tritanomaly

203, 179, 192

Monochromacy



Original Color

203, 180, 190

Achromatopsia

188, 188, 188

Achromatomaly

193, 185, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 180, 190 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(203, 180, 190)` looks like.

```
.text, #text, p{  
    color:rgb(203, 180, 190)  
}
```

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(203, 180, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 180, 190) }
```

Border

The CSS property to change the border of an element to RYB 203, 180, 190 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(203, 180, 190) }
```

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

```
.border{ border-color:rgb(203, 180, 190) }
```

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

Here you see how a box with a 4 pixel rgb(203, 180, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 180, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 180, 190);  
box-shadow:4px 4px 4px 4px rgb(203, 180,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 203, 180, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 180, 190) }
```

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

```
.background{ background-color: rgb(203,  
180, 190) }
```

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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