

Converting Colors

`RYB(214, 187, 192)`

Have a look what the booklet for
RYB(214, 187, 192) contains.

RYB(214, 187, 192)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(214, 187, 192)

Conversions

Conversions Part 1

Format	Color
Hex	D6BBC0
RGB	214, 187, 192
RGB Percent	84%, 73%, 75%
CMY	0.1608, 0.2667, 0.2471
CMYK	0.00, 0.13, 0.10, 0.16
HSL	349°, 25%, 79%
HSV	349°, 13%, 84%
XYZ	55.0163, 53.6426, 57.3235
YIQ	195.6430, 14.4870, 7.2790

Conversions

Conversions Part 2

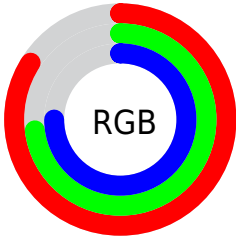
Format	Color
R _Y B	214, 187, 192
Decimal	14072768
CIE Lab	78.25, 10.44, 1.01
CIE LCh	78, 10.484, 5.537
Yxy	53.6426, 0.3315, 0.3232
Android (android.graphics.Color)	4292262848 (0xFFD6BBC0)
YUV	195.6430, -1.7960, 16.0991
Hunter-Lab	73.2411, 5.9115, 4.8643

Details

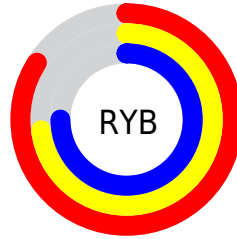
The RYB color **214, 187, 192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **187, 202, 214**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 243, 248**, and **159, 134, 139** is the 20% darker color. If you saturate the color by 10%, you get **214, 166, 175**, and if you desaturate by 10%, it is **214, 208, 209**.

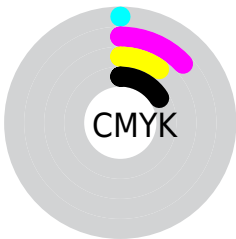
Distribution



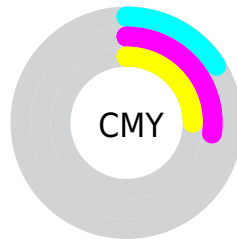
- Red (84%)
- Green (73%)
- Blue (75%)



- Red (84%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 214, 187, 192 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 214, 187, 192 by changing the saturation by 10% instead.

 214, 187, 192

255, 255, 255

 255, 243, 248

 214, 187, 192

 186, 160, 165

 159, 134, 139

 133, 108, 113

 107, 84, 89


 83, 61, 65

 60, 39, 43


 37, 19, 23

 8, 0, 0

 0, 0, 0

 214, 187, 192

 214, 187, 192

 214, 166, 175


 214, 208, 209

 214, 144, 157

 214, 223, 230


 214, 123, 140

 214, 234, 251

 214, 101, 122

 214, 235, 255

 214, 80, 105

 214, 59, 87

 214, 37, 70

 214, 16, 53

 214, 0, 40

Harmonies

Analogous

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



208, 188, 202



214, 187, 192



214, 189, 183

Triad

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



214, 187, 192



178, 196, 185



175, 189, 211

Complementary

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



214, 187, 192



187, 202, 214

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.



170, 186, 204



214, 187, 192



178, 194, 199

Square

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



214, 187, 192



184, 200, 174



171, 186, 199



186, 192, 213

Rectangle

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



214, 187, 192



211, 195, 178



171, 186, 199



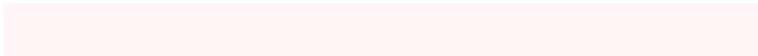
173, 188, 209

Sweetspot

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



214, 187, 192



255, 245, 247



209, 187, 214



128, 121, 122



0, 0, 0



128, 128, 128

Same Dimension

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



214, 187, 192



255, 217, 224



214, 198, 187



107, 96, 98



171, 0, 32



43, 0, 8

Inverse Universe

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



214, 187, 192



255, 217, 224



187, 198, 214



107, 96, 98



171, 0, 32



43, 0, 8

Previews

White Background



This preview shows how the RYB color 214, 187, 192 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 214, 187, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

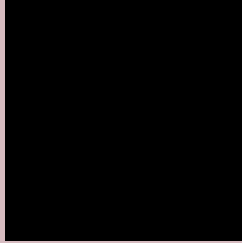
Any Text WCAG AA ✓ Pass

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](#).

R Y B 214, 187, 192 Background



This preview shows how black text looks on a background with the R Y B color 214, 187, 192.



This preview shows how white text looks on a background with the R Y B color 214, 187, 192.

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
[214](#), [187](#), [192](#)

Protanopia
[197](#), [193](#), [195](#)

Deuteranopia
[213](#), [187](#), [192](#)



Tritanopia
215, 186, 200

Trichromacy



Original Color
214, 187, 192

Protanomaly
203, 191, 194

Deuteranomaly
213, 187, 192

Tritanomaly
215, 186, 197

Monochromacy



Original Color
214, 187, 192

Achromatopsia
196, 196, 196

Achromatomaly
203, 193, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 187, 192 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(214, 187, 192) looks like.

```
.text, #text, p{  
    color:rgb(214, 187, 192)  
}
```

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(214, 187, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 187, 192) }
```

Border

The CSS property to change the border of an element to RYB 214, 187, 192 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(214, 187, 192) }
```

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

```
.border{ border-color:rgb(214, 187, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 187, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 187, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 187, 192);  
box-shadow:4px 4px 4px 4px rgb(214, 187,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 214, 187, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 187, 192) }
```

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

```
.background{ background-color: rgb(214,  
187, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor