

Converting Colors

`RYB(207, 202, 215)`

Have a look what the booklet for
RYB(207, 202, 215) contains.

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Color

R_YB(207, 202, 215)

Conversions

Conversions Part 1

Format	Color
Hex	CFCAD7
RGB	207, 202, 215
RGB Percent	81%, 79%, 84%
CMY	0.1882, 0.2078, 0.1569
CMYK	0.04, 0.06, 0.00, 0.16
HSL	263°, 14%, 82%
HSV	263°, 6%, 84%
XYZ	59.1184, 60.4128, 72.8349
YIQ	204.9770, -1.1930, 5.1030

Conversions

Conversions Part 2

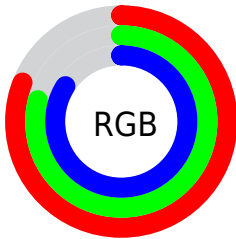
Format	Color
RYP	207, 202, 215
Decimal	13617879
CIELab	82.06, 4.13, -5.84
CIElCh	82, 7.151, 305.235
Yxy	60.4128, 0.3073, 0.3141
Android (android.graphics.Color)	4291807959 (0xFFCFCAD7)
YUV	204.9770, 4.9413, 1.7742
Hunter-Lab	77.7256, -0.2521, -1.1514

Details

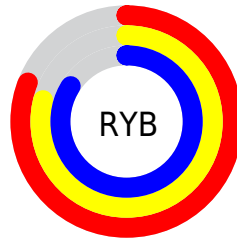
The RYB color **207, 202, 215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **202, 215, 207**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 255, 255**, and **153, 148, 160** is the 20% darker color. If you saturate the color by 10%, you get **194, 181, 215**, and if you desaturate by 10%, it is **215, 224, 219**.

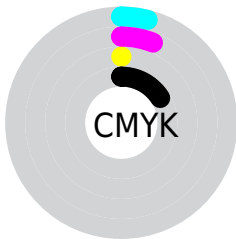
Distribution



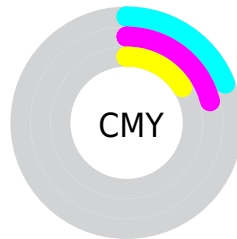
- Red (81%)
- Green (79%)
- Blue (84%)



- Red (81%)
- Yellow (79%)
- Blue (84%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 202, 215 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 207, 202, 215 by changing the saturation by 10% instead.

■ 207, 202, 215

255, 255, 255

■ 207, 202, 215

■ 179, 175, 187

■ 153, 148, 160

■ 127, 122, 134

■ 102, 97, 109

■ 78, 74, 85

■ 55, 51, 61


■ 34, 30, 40

■ 12, 5, 19


■ 0, 0, 0

 207, 202, 215


 207, 202, 215

 194, 181, 215


 215, 224, 219

 181, 159, 215


 215, 245, 227


 167, 138, 215


 215, 255, 223


 154, 116, 215


 215, 255, 215

 141, 94, 215

 128, 73, 215

 114, 52, 215

 101, 30, 215

 88, 8, 215

Harmonies

Analogous

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



199, 203, 217



207, 202, 215



214, 200, 210

Triad

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



207, 202, 215



215, 210, 192



189, 199, 208

Complementary

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



207, 202, 215



202, 215, 207

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.



194, 205, 208



207, 202, 215



198, 209, 191

Square

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



207, 202, 215



219, 200, 197



193, 206, 198



188, 199, 211

Rectangle

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



207, 202, 215



217, 200, 205



193, 206, 198



190, 200, 208

Sweetspot

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



207, 202, 215



252, 250, 255



202, 207, 215



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



207, 202, 215



244, 237, 255



213, 202, 215



102, 99, 107



66, 0, 171



17, 0, 43

Inverse Universe

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



215, 202, 210



255, 237, 248



202, 215, 213



107, 99, 104



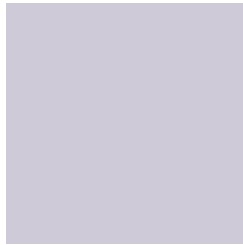
171, 0, 105



43, 0, 27

Previews

White Background



This preview shows how the RYB color 207, 202, 215 looks on a white background.

Color Contrast Check

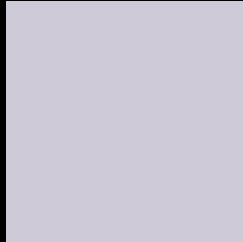
Large Text (above 18pt) WCAG AA × Fail

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 207, 202, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

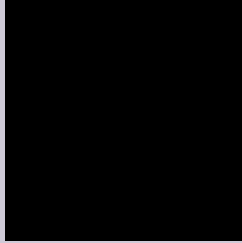
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

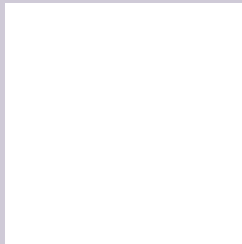
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYP 207, 202, 215 Background



This preview shows how black text looks on a background with the RYB color 207, 202, 215.

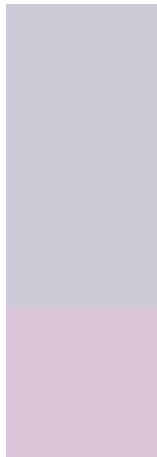


This preview shows how white text looks on a background with the RYB color 207, 202, 215.

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
[207](#), [202](#), [215](#)

Protanopia
[204](#), [203](#), [215](#)

Deuteranopia
[218](#), [198](#), [216](#)



Tritanopia
207, 202, 218

Trichromacy



Original Color

207, 202, 215

Protanomaly

205, 203, 215

Deuteranomaly

214, 199, 216

Tritanomaly

207, 202, 217

Monochromacy



Original Color

207, 202, 215

Achromatopsia

205, 205, 205

Achromatomaly

206, 204, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 202, 215 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(207, 202, 215) looks like.

```
.text, #text, p{  
    color:rgb(207, 202, 215)  
}
```

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(207, 202, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 202, 215) }
```

Border

The CSS property to change the border of an element to RYB 207, 202, 215 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(207, 202, 215) }
```

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

```
.border{ border-color:rgb(207, 202, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 202, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 202, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 202, 215); box-shadow:4px 4px 4px 4px rgb(207, 202, 215) }
```

Background

The CSS property to change the background color of an element to RYB 207, 202, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 202, 215) }
```

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

```
.background{ background-color: rgb(207,  
202, 215) }
```

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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