

Converting Colors

`RYB(205, 191, 207)`

Have a look what the booklet for RYB(205, 191, 207) contains.

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Color

R_YB(205, 191, 207)

Conversions

Conversions Part 1

Format	Color
Hex	CDBFCF
RGB	205, 191, 207
RGB Percent	80%, 75%, 81%
CMY	0.1961, 0.2510, 0.1882
CMYK	0.01, 0.08, 0.00, 0.19
HSL	292°, 14%, 78%
HSV	292°, 8%, 81%
XYZ	55.0701, 54.7457, 66.6960
YIQ	197.0100, 3.2080, 7.9440

Conversions

Conversions Part 2

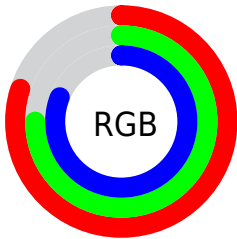
Format	Color
R_{YB}	205, 191, 207
Decimal	13483983
CIE _{Lab}	78.89, 7.81, -6.24
CIE _{LCh}	79, 9.995, 321.345
Yxy	54.7457, 0.3120, 0.3102
Android (android.graphics.Color)	4291674063 (0xFFCDBFCF)
YUV	197.0100, 4.9251, 7.0072
Hunter-Lab	73.9904, 3.3722, -1.6516

Details

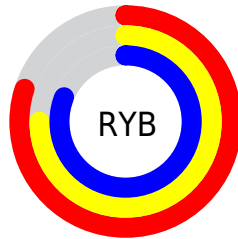
The RYB color **205, 191, 207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **191, 207, 205**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **255, 247, 255**, and **151, 138, 153** is the 20% darker color. If you saturate the color by 10%, you get **202, 170, 207**, and if you desaturate by 10%, it is **207, 212, 211**.

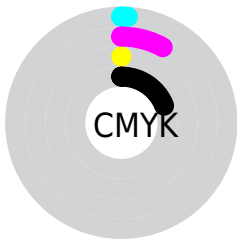
Distribution



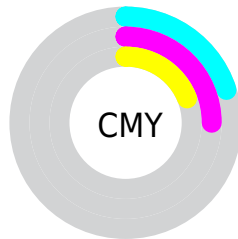
- Red (80%)
- Green (75%)
- Blue (81%)



- Red (80%)
- Yellow (75%)
- Blue (81%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 191, 207 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 205, 191, 207 by changing the saturation by 10% instead.

 205, 191, 207

 205, 191, 207


255, 255, 255

 178, 164, 179

 255, 247, 255

 151, 138, 153

 125, 112, 127

 100, 88, 102

 76, 64, 78

 53, 42, 55

 32, 22, 34

 3, 0, 11


 0, 0, 0

 205, 191, 207

 205, 191, 207

 202, 170, 207

 207, 212, 211

 200, 150, 207

 207, 232, 229

 197, 129, 207

 207, 253, 247

 195, 108, 207

 207, 255, 247

 192, 88, 207


 207, 255, 244

 189, 67, 207

 207, 255, 241

 187, 46, 207

 207, 255, 239

 184, 25, 207

 207, 255, 236

 182, 5, 207

 207, 255, 234

Harmonies

Analogous

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



194, 194, 213



205, 191, 207



213, 189, 198

Triad

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



205, 191, 207



197, 206, 177



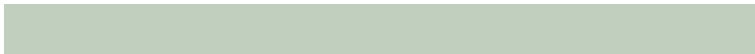
172, 187, 202

Complementary

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



205, 191, 207



191, 207, 205

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.



176, 191, 201



205, 191, 207



178, 197, 179

Square

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



205, 191, 207



213, 196, 181



183, 199, 197



175, 189, 209

Rectangle

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



205, 191, 207



215, 189, 192



183, 199, 197



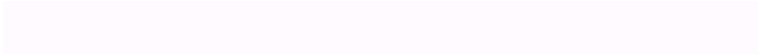
173, 188, 201

Sweetspot

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



205, 191, 207



254, 250, 255



191, 193, 207



127, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



205, 191, 207



252, 232, 255



207, 191, 201



103, 94, 105



147, 0, 168



36, 0, 41

Inverse Universe

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



207, 191, 193



255, 232, 235



191, 203, 207



105, 94, 95



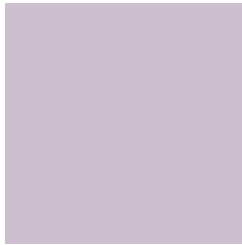
168, 0, 21



41, 0, 5

Previews

White Background



This preview shows how the RYB color 205, 191, 207 looks on a white background.

Color Contrast Check

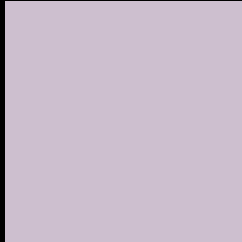
Large Text (above 18pt) WCAG AA × Fail

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 205, 191, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

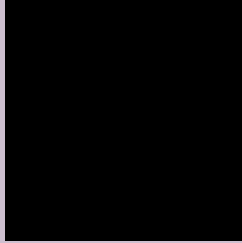
Any Text WCAG AA ✓ Pass

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 205, 191, 207 Background



This preview shows how black text looks on a background with the RYB color 205, 191, 207.

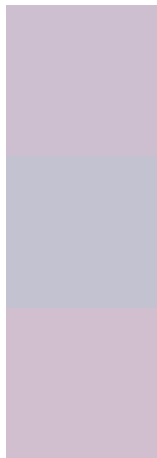


This preview shows how white text looks on a background with the RYB color 205, 191, 207.

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
[205, 191, 207](#)

Protanopia
[195, 194, 209](#)

Deuteranopia
[209, 190, 207](#)



Tritanopia
205, 191, 206

Trichromacy



Original Color

205, 191, 207

Protanomaly

199, 193, 208

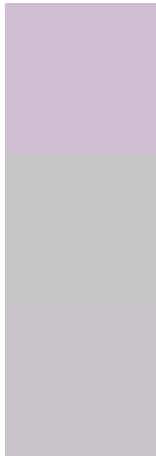
Deuteranomaly

208, 190, 207

Tritanomaly

205, 191, 206

Monochromacy



Original Color

205, 191, 207

Achromatopsia

197, 197, 197

Achromatomaly

200, 195, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 191, 207 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(205, 191, 207) looks like.

```
.text, #text, p{  
    color:rgb(205, 191, 207)  
}
```

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(205, 191, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 191, 207) }
```

Border

The CSS property to change the border of an element to RYB 205, 191, 207 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(205, 191, 207) }
```

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

```
.border{ border-color:rgb(205, 191, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 191, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 191, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 191, 207);  
box-shadow:4px 4px 4px 4px rgb(205, 191,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 205, 191, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 191, 207) }
```

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

```
.background{ background-color: rgb(205,  
191, 207) }
```

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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