

Converting Colors

`RYB(205, 190, 199)`

Have a look what the booklet for
RYB(205, 190, 199) contains.

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Color

R_YB(205, 190, 199)

Conversions

Conversions Part 1

Format	Color
Hex	CDBEC7
RGB	205, 190, 199
RGB Percent	80%, 75%, 78%
CMY	0.1961, 0.2549, 0.2196
CMYK	0.00, 0.07, 0.03, 0.20
HSL	324°, 13%, 77%
HSV	324°, 7%, 80%
XYZ	53.8991, 53.9296, 61.6015
YIQ	195.5110, 6.0510, 5.9790

Conversions

Conversions Part 2

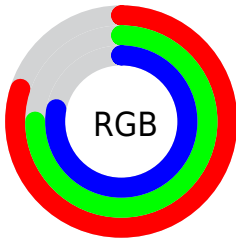
Format	Color
R _Y B	205, 190, 199
Decimal	13483719
CIE Lab	78.42, 6.87, -2.62
CIE LCh	78, 7.355, 339.128
Yxy	53.9296, 0.3181, 0.3183
Android (android.graphics.Color)	4291673799 (0xFFCDBEC7)
YUV	195.5110, 1.7201, 8.3219
Hunter-Lab	73.4368, 2.4962, 1.6711

Details

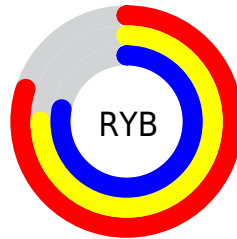
The RYB color **205, 190, 199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **190, 201, 205**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 246, 255**, and **151, 137, 145** is the 20% darker color. If you saturate the color by 10%, you get **205, 170, 191**, and if you desaturate by 10%, it is **205, 210, 211**.

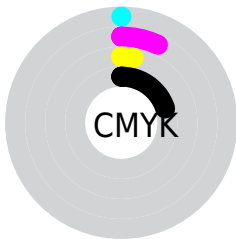
Distribution



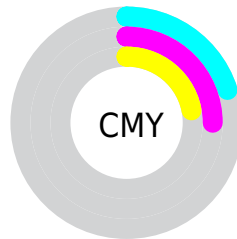
- Red (80%)
- Green (75%)
- Blue (78%)



- Red (80%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (20%)



- Cyan (20%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RYB color 205, 190, 199 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, 190, 199 by changing the saturation by 10% instead.


 205, 190, 199

 205, 190, 199

255, 255, 255

 178, 163, 172

 255, 246, 255

 151, 137, 145

 125, 111, 120

 100, 87, 95


 76, 64, 71

 53, 42, 49

 32, 21, 28

 0, 0, 0

 205, 190, 199


 205, 190, 199

 205, 170, 191

 205, 210, 211

 205, 149, 183

 205, 224, 231

 205, 129, 174


 205, 238, 252

 205, 108, 166

 205, 237, 255

 205, 87, 158

 205, 234, 255

 205, 67, 150

 205, 232, 255

 205, 47, 142

 205, 230, 255

 205, 26, 133

 205, 6, 125

Harmonies

Analogous

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



198, 192, 205



205, 190, 199



209, 189, 192

Triad

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



205, 190, 199



186, 198, 181



178, 189, 202

Complementary

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



205, 190, 199



190, 201, 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.



178, 189, 198



205, 190, 199



183, 196, 189

Square

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



205, 190, 199



204, 202, 181



182, 193, 198



182, 191, 207

Rectangle

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



205, 190, 199



209, 190, 188



182, 193, 198



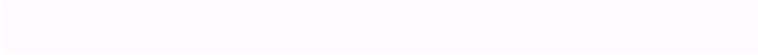
177, 188, 200

Sweetspot

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



205, 190, 199



255, 250, 253



196, 190, 205



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

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



205, 190, 199



255, 232, 246



205, 190, 192



102, 92, 98



166, 0, 99



38, 0, 23

Inverse Universe

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



205, 190, 199



255, 232, 246



190, 198, 205



102, 92, 98



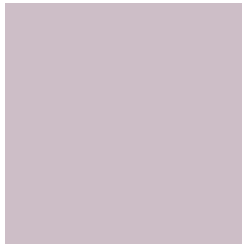
166, 0, 99



38, 0, 23

Previews

White Background



This preview shows how the RYB color 205, 190, 199 looks on a white background.

Color Contrast Check

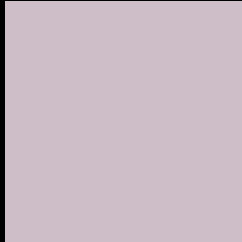
Large Text (above 18pt) WCAG AA × Fail

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, 190, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

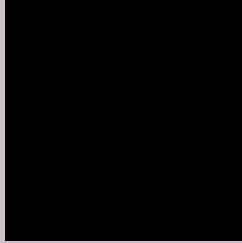
Any Text WCAG AA ✓ Pass

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, 190, 199 Background



This preview shows how black text looks on a background with the RYB color 205, 190, 199.



This preview shows how white text looks on a background with the RYB color 205, 190, 199.

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, 190, 199

Protanopia
195, 193, 201

Deuteranopia
210, 188, 199



Tritanopia
206, 189, 204

Trichromacy



Original Color

205, 190, 199

Protanomaly

199, 192, 200

Deuteranomaly

208, 189, 199

Tritanomaly

206, 189, 202

Monochromacy



Original Color

205, 190, 199

Achromatopsia

196, 196, 196

Achromatomaly

199, 194, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 190, 199 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, 190, 199) looks like.

```
.text, #text, p{  
    color:rgb(205, 190, 199)  
}
```

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, 190, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 190, 199) }
```

Border

The CSS property to change the border of an element to RYB 205, 190, 199 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, 190, 199) }
```

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

```
.border{ border-color:rgb(205, 190, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 190, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 190, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 190, 199);  
box-shadow:4px 4px 4px 4px rgb(205, 190,  
199) }
```

Background

The CSS property to change the background color of an element to RYB 205, 190, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 190, 199) }
```

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

```
.background{ background-color: rgb(205,  
190, 199) }
```

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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