

Converting Colors

`RYB(206, 193, 215)`

Have a look what the booklet for
RYB(206, 193, 215) contains.

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Color

R_YB(206, 193, 215)

Conversions

Conversions Part 1

Format	Color
Hex	CEC1D7
RGB	206, 193, 215
RGB Percent	81%, 76%, 84%
CMY	0.1922, 0.2431, 0.1569
CMYK	0.04, 0.10, 0.00, 0.16
HSL	275°, 22%, 80%
HSV	275°, 10%, 84%
XYZ	56.7893, 56.1680, 72.1384
YIQ	199.3950, 0.6860, 9.5980

Conversions

Conversions Part 2

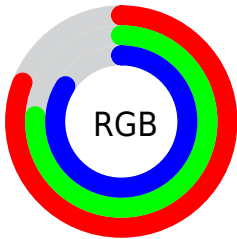
Format	Color
R _Y B	206, 193, 215
Decimal	13550039
CIE Lab	79.71, 8.59, -9.34
CIE LCh	80, 12.685, 312.599
Yxy	56.1680, 0.3068, 0.3035
Android (android.graphics.Color)	4291740119 (0xFFCEC1D7)
YUV	199.3950, 7.6933, 5.7926
Hunter-Lab	74.9453, 4.1028, -4.6076

Details

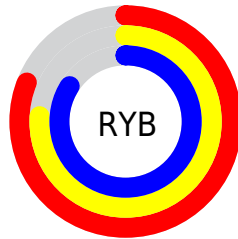
The RYB color **206, 193, 215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **193, 215, 206**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is 255, 249, 255, and **152, 139, 160** is the 20% darker color. If you saturate the color by 10%, you get **197, 172, 215**, and if you desaturate by 10%, it is **215, 215, 215**.

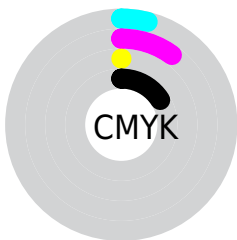
Distribution



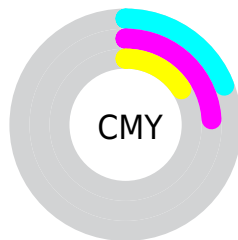
- Red (81%)
- Green (76%)
- Blue (84%)



- Red (81%)
- Yellow (76%)
- Blue (84%)



- Cyan (4%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 193, 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 206, 193, 215 by changing the saturation by 10% instead.

■ 206, 193, 215

255, 255, 255

■ 255, 249, 255

■ 206, 193, 215

■ 178, 166, 187

■ 152, 139, 160

■ 126, 114, 134

■ 101, 89, 109

■ 77, 66, 84

■ 54, 44, 61


■ 32, 23, 39

■ 9, 0, 19

■ 0, 0, 0

 206, 193, 215


 206, 193, 215

 197, 172, 215


 215, 215, 215

 188, 150, 215

 215, 236, 227

 180, 129, 215


 215, 255, 238

 171, 107, 215

 215, 255, 229


 162, 86, 215

 215, 255, 220

 153, 64, 215

 215, 255, 215

 144, 42, 215

 136, 21, 215

 127, 0, 215

Harmonies

Analogous

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



191, 196, 220



206, 193, 215



217, 190, 205

Triad

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



206, 193, 215



214, 212, 175



169, 188, 205

Complementary

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



206, 193, 215



193, 215, 206

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, 195, 204



206, 193, 215



180, 202, 175

Square

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



206, 193, 215



222, 194, 182



180, 202, 194



169, 188, 213

Rectangle

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



206, 193, 215



222, 190, 197



180, 202, 194



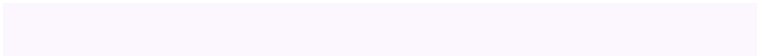
170, 189, 205

Sweetspot

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



206, 193, 215



252, 247, 255



193, 199, 215



125, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



206, 193, 215



242, 224, 255



215, 193, 213



103, 96, 107



101, 0, 171



26, 0, 43

Inverse Universe

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



215, 193, 202



255, 224, 237



193, 213, 215



107, 96, 101



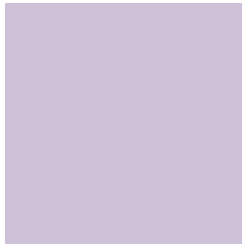
171, 0, 70



43, 0, 18

Previews

White Background



This preview shows how the RYB color 206, 193, 215 looks on a white background.

Color Contrast Check

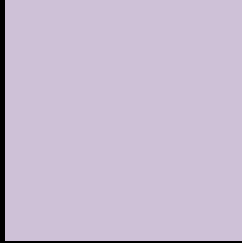
Large Text (above 18pt) WCAG AA × Fail

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 206, 193, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

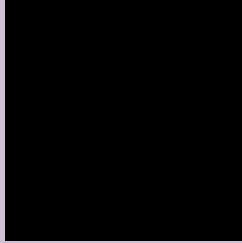
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

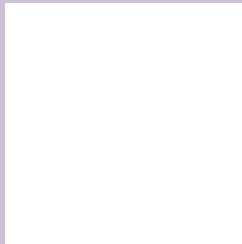
Any Text WCAG AAA ✓ Pass

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

RYB 206, 193, 215 Background



This preview shows how black text looks on a background with the RYB color 206, 193, 215.



This preview shows how white text looks on a background with the RYB color 206, 193, 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
206, 193, 215

Protanopia
195, 196, 217

Deuteranopia
209, 192, 215



Tritanopia
205, 194, 209

Trichromacy



Original Color
206, 193, 215

Protanomaly
199, 195, 216

Deuteranomaly
208, 192, 215

Tritanomaly
205, 194, 211

Monochromacy



Original Color
206, 193, 215

Achromatopsia
199, 199, 199

Achromatomaly
202, 197, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 193, 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(206, 193, 215) looks like.

```
.text, #text, p{  
    color:rgb(206, 193, 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(206, 193, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 193, 215) }
```

Border

The CSS property to change the border of an element to RYB 206, 193, 215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

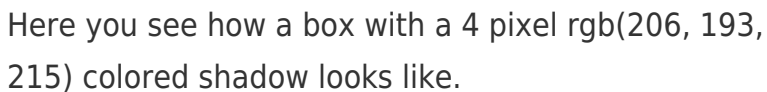
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 193, 215) }
```

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

```
.border{ border-color:rgb(206, 193, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 193, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 193, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 193, 215);  
box-shadow:4px 4px 4px 4px rgb(206, 193,  
215) }
```

Background

The CSS property to change the background color of an element to RYB 206, 193, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 193, 215) }
```

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

```
.background{ background-color: rgb(206,  
193, 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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