

Converting Colors

`RYB(195, 137, 189)`

Have a look what the booklet for
RYB(195, 137, 189) contains.

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Color

R_YB(195, 137, 189)

Conversions

Conversions Part 1

Format	Color
Hex	C389BD
RGB	195, 137, 189
RGB Percent	76%, 54%, 74%
CMY	0.2353, 0.4627, 0.2588
CMYK	0.00, 0.30, 0.03, 0.24
HSL	306°, 33%, 65%
HSV	306°, 30%, 76%
XYZ	40.6366, 33.1675, 52.4043
YIQ	160.2700, 17.8760, 28.4680

Conversions

Conversions Part 2

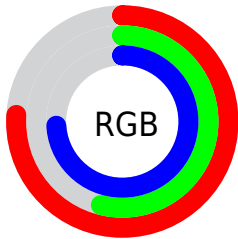
Format	Color
RYB	195, 137, 189
Decimal	12814781
CIELab	64.30, 30.57, -18.29
CIELCh	64, 35.623, 329.101
Yxy	33.1675, 0.3220, 0.2628
Android (android.graphics.Color)	4291004861 (0xFFC389BD)
YUV	160.2700, 14.1639, 30.4582
Hunter-Lab	57.5913, 25.1656, -13.6361

Details

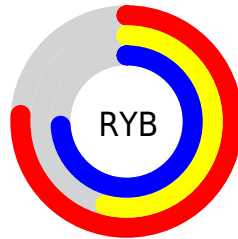
The RYB color **195, 137, 189** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **137, 190, 195**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **252, 191, 245**, and **140, 86, 136** is the 20% darker color. If you saturate the color by 10%, you get **195, 117, 187**, and if you desaturate by 10%, it is **195, 157, 191**.

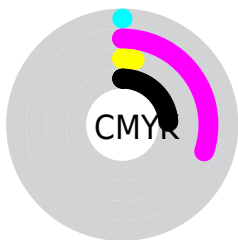
Distribution



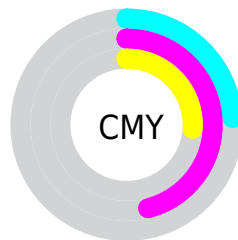
- Red (76%)
- Green (54%)
- Blue (74%)



- Red (76%)
- Yellow (54%)
- Blue (74%)



- Cyan (0%)
- Magenta (30%)
- Yellow (3%)
- Black (24%)



- Cyan (24%)
- Magenta (46%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 137, 189 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 195, 137, 189 by changing the saturation by 10% instead.

 195, 137, 189


255, 255, 255

 252, 191, 245


 255, 219, 255

 255, 248, 255

 195, 137, 189

 167, 111, 162

 140, 86, 136

 114, 62, 110

 89, 38, 86

 64, 14, 62

 42, 0, 40

 6, 0, 19

 0, 0, 0


 195, 137, 189


 195, 137, 189

 195, 117, 187


 195, 157, 191

 195, 98, 185


 195, 176, 193

 195, 79, 183


 195, 195, 195

 195, 59, 181

 195, 213, 215

 195, 39, 179

 195, 230, 234

 195, 20, 177

 195, 249, 254

 195, 0, 175

 195, 248, 255

 195, 246, 255

 195, 245, 255

Harmonies

Analogous

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



158, 148, 211



195, 137, 189



215, 131, 158

Triad

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



195, 137, 189



125, 178, 92



12, 95, 186

Complementary

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



195, 137, 189



137, 190, 195

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.



63, 123, 173



195, 137, 189



99, 163, 117

Square

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



195, 137, 189



203, 171, 102



107, 158, 170



49, 117, 210

Rectangle

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



195, 137, 189



218, 132, 137



107, 158, 170



29, 102, 176

Sweetspot

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



195, 137, 189



252, 230, 250



143, 137, 195



128, 113, 126



0, 0, 0



128, 128, 128

Same Dimension

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



195, 137, 189



252, 162, 243



195, 137, 160



97, 87, 96



161, 0, 144



33, 0, 30

Inverse Universe

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



195, 137, 189



252, 162, 243



137, 173, 195



97, 87, 96



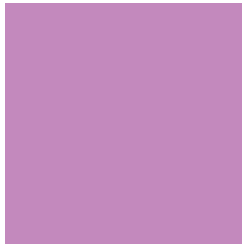
161, 0, 144



33, 0, 30

Previews

White Background



This preview shows how the RYB color 195, 137, 189 looks on a white background.

Color Contrast Check

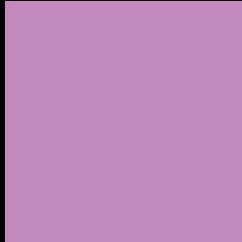
Large Text (above 18pt) WCAG AA × Fail

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 195, 137, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

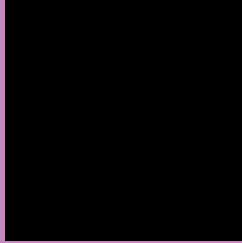
Any Text WCAG AA ✓ Pass

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 195, 137, 189 Background



This preview shows how black text looks on a background with the RYB color 195, 137, 189.



This preview shows how white text looks on a background with the RYB color 195, 137, 189.

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
195, 137, 189

Protanopia
144, 153, 201

Deuteranopia
157, 153, 186



Tritanopia
190, 144, 155

Trichromacy



Original Color
195, 137, 189

Protanomaly
163, 148, 197

Deuteranomaly
171, 147, 187

Tritanomaly
192, 141, 167

Monochromacy



Original Color
195, 137, 189

Achromatopsia
160, 160, 160

Achromatomaly
173, 152, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 137, 189 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(195, 137, 189)` looks like.

```
.text, #text, p{  
    color:rgb(195, 137, 189)  
}
```

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(195, 137, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 137, 189) }
```

Border

The CSS property to change the border of an element to RYB 195, 137, 189 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(195, 137, 189) }
```

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

```
.border{ border-color:rgb(195, 137, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 137, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 137, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 137, 189); box-shadow:4px 4px 4px 4px rgb(195, 137, 189) }
```

Background

The CSS property to change the background color of an element to RYB 195, 137, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 137, 189) }
```

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

```
.background{ background-color: rgb(195,  
137, 189) }
```

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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