

Converting Colors

`RYB(207, 0, 132)`

Have a look what the booklet for
RYB(207, 0, 132) contains.

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Color

R_YB(207, 0, 132)

Conversions

Conversions Part 1

Format	Color
Hex	CF0084
RGB	207, 0, 132
RGB Percent	81%, 0%, 52%
CMY	0.1882, 1.0000, 0.4824
CMYK	0.00, 1.00, 0.36, 0.19
HSL	322°, 100%, 41%
HSV	322°, 100%, 81%
XYZ	29.8970, 14.9313, 23.1361
YIQ	76.9410, 81.0000, 84.9360

Conversions

Conversions Part 2

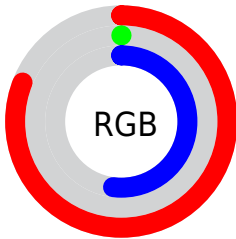
Format	Color
R_{YB}	207, 0, 132
Decimal	13566084
CIE _{Lab}	45.54, 74.78, -13.24
CIE _{LCh}	46, 75.947, 349.959
Yxy	14.9313, 0.4399, 0.2197
Android (android.graphics.Color)	4291756164 (0xFFCF0084)
YUV	76.9410, 27.1441, 114.0617
Hunter-Lab	38.6411, 70.4852, -8.4507

Details

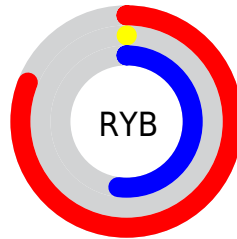
The RYB color **207, 0, 132** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **0, 152, 207**, and the grayscale version is **77, 77, 77**.

A 20% lighter version of the original color is **255, 90, 185**, and **147, 0, 83** is the 20% darker color. If you saturate the color by 10%, you get **207, 0, 132**, and if you desaturate by 10%, it is **207, 21, 139**.

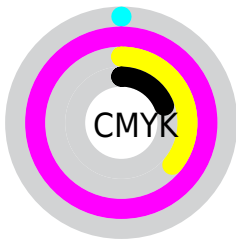
Distribution



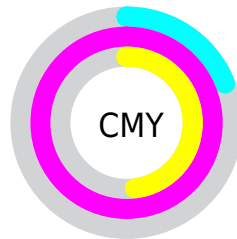
- Red (81%)
- Green (0%)
- Blue (52%)



- Red (81%)
- Yellow (0%)
- Blue (52%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (19%)



- Cyan (19%)
- Magenta (100%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 0, 132 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, 0, 132 by changing the saturation by 10% instead.

 207, 0, 132

 207, 0, 132

255, 255, 255

 177, 0, 107

 255, 90, 185

 147, 0, 83

 255, 120, 213

 117, 0, 59

 255, 150, 241

 88, 0, 38

 255, 179, 255

 60, 0, 15

 255, 209, 255

 25, 0, 1

 255, 239, 255

 0, 0, 0

 207, 0, 132

 207, 21, 139

■ 207, 41, 147

■ 207, 62, 154

■ 207, 83, 162

■ 207, 104, 169

■ 207, 124, 177

■ 207, 145, 184

■ 207, 166, 192

■ 207, 186, 200

Harmonies

Analogous

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



160, 64, 191



207, 0, 132



214, 6, 69

Triad

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



207, 0, 132



0, 117, 26



0, 80, 205

Complementary

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



207, 0, 132



0, 152, 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.



0, 71, 150



207, 0, 132



0, 127, 128

Square

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



207, 0, 132



78, 149, 0



0, 82, 133



0, 80, 235

Rectangle

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



207, 0, 132



202, 53, 27



0, 82, 133



0, 78, 189

Sweetspot

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



207, 0, 132



255, 179, 227



72, 0, 207



128, 82, 111



0, 0, 0



128, 128, 128

Same Dimension

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



207, 0, 132



255, 0, 163



207, 0, 31



105, 94, 101



168, 0, 107



41, 0, 26

Inverse Universe

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



207, 0, 132



255, 0, 163



0, 112, 207



105, 94, 101



168, 0, 107



41, 0, 26

Previews

White Background



This preview shows how the RYB color 207, 0, 132 looks on a white 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 × Fail

Black Background



This preview shows how the RYB color 207, 0, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 207, 0, 132 Background



This preview shows how black text looks on a background with the RYB color 207, 0, 132.

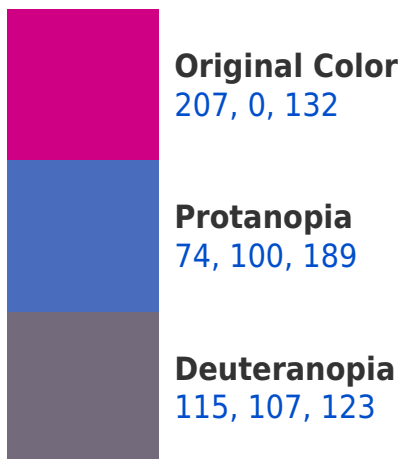


This preview shows how white text looks on a background with the RYB color 207, 0, 132.

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



Trichromacy



Original Color

207, 0, 132



Protanomaly

122, 68, 168



Deuteranomaly

148, 68, 126



Tritanomaly

204, 33, 82

Monochromacy



Original Color

207, 0, 132



Achromatopsia

77, 77, 77



Achromatomaly

124, 49, 97

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 0, 132 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, 0, 132)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 132)  
}
```

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, 0, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 132) }
```

Border

The CSS property to change the border of an element to RYB 207, 0, 132 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, 0, 132) }
```

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

```
.border{ border-color:rgb(207, 0, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 0, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 132);  
box-shadow:4px 4px 4px 4px rgb(207, 0,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 207, 0, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 132) }
```

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

```
.background{ background-color: rgb(207, 0,  
132) }
```

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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