

Converting Colors

`RYB(195, 95, 187)`

Have a look what the booklet for
RYB(195, 95, 187) contains.

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Color

`RYB(195, 95, 187)`

Conversions

Conversions Part 1

Format	Color
Hex	C35FBB
RGB	195, 95, 187
RGB Percent	76%, 37%, 73%
CMY	0.2353, 0.6275, 0.2667
CMYK	0.00, 0.51, 0.04, 0.24
HSL	305°, 45%, 57%
HSV	305°, 51%, 76%
XYZ	35.5675, 23.3744, 49.6508
YIQ	135.3880, 30.0680, 49.8120

Conversions

Conversions Part 2

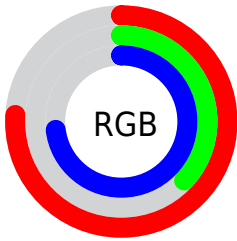
Format	Color
RYB	195, 95, 187
Decimal	12804027
CIELab	55.46, 52.31, -30.74
CIELCh	55, 60.673, 329.559
Yxy	23.3744, 0.3275, 0.2152
Android (android.graphics.Color)	4290994107 (0xFFC35FBB)
YUV	135.3880, 25.4447, 52.2797
Hunter-Lab	48.3471, 46.7099, -27.0459

Details

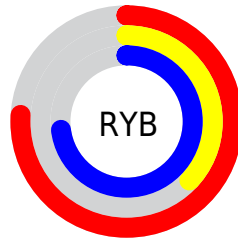
The RYB color **195, 95, 187** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **95, 188, 195**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **253, 149, 243**, and **139, 40, 133** is the 20% darker color. If you saturate the color by 10%, you get **195, 76, 185**, and if you desaturate by 10%, it is **195, 115, 189**.

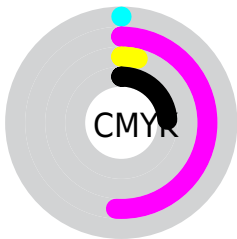
Distribution



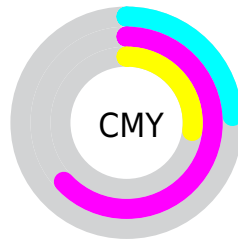
- Red (76%)
- Green (37%)
- Blue (73%)



- Red (76%)
- Yellow (37%)
- Blue (73%)



- Cyan (0%)
- Magenta (51%)
- Yellow (4%)
- Black (24%)




- Cyan (24%)
- Magenta (63%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 95, 187 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, 95, 187 by changing the saturation by 10% instead.

 195, 95, 187

 195, 95, 187

255, 255, 255

 167, 68, 160

 253, 149, 243

 139, 40, 133

 255, 177, 255

 112, 3, 108

 255, 205, 255

 85, 0, 83

 255, 234, 255

 59, 0, 60

 35, 0, 38

 0, 1, 13

 0, 0, 0

 195, 95, 187

 195, 95, 187

195, 76, 185

195, 115, 189

195, 56, 184

195, 134, 190

195, 37, 182

195, 154, 192

195, 17, 181

195, 173, 193

195, 0, 179

195, 193, 195

195, 211, 212

195, 229, 232

195, 247, 251

195, 250, 255

Harmonies

Analogous

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



130, 119, 225



195, 95, 187



224, 80, 136

Triad

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



195, 95, 187



35, 159, 0



0, 85, 183

Complementary

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



195, 95, 187



95, 188, 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.



0, 86, 157



195, 95, 187



28, 145, 66

Square

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



195, 95, 187



199, 163, 39



0, 102, 153



0, 90, 223

Rectangle

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



195, 95, 187



227, 83, 101



0, 102, 153



0, 81, 167

Sweetspot

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



195, 95, 187



252, 215, 249



102, 95, 195



128, 105, 126



0, 0, 0



128, 128, 128

Same Dimension

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



195, 95, 187



252, 96, 240



195, 95, 138



97, 87, 96



161, 0, 148



33, 0, 30

Inverse Universe

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



195, 95, 187



252, 96, 240



95, 159, 195



97, 87, 96



161, 0, 148



33, 0, 30

Previews

White Background



This preview shows how the RYB color 195, 95, 187 looks on a white background.

Color Contrast Check

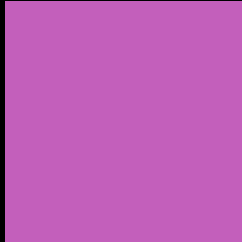
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 195, 95, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

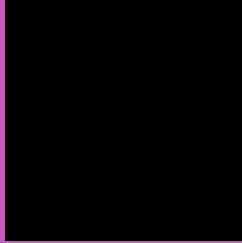
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 195, 95, 187 Background



This preview shows how black text looks on a background with the RYB color 195, 95, 187.

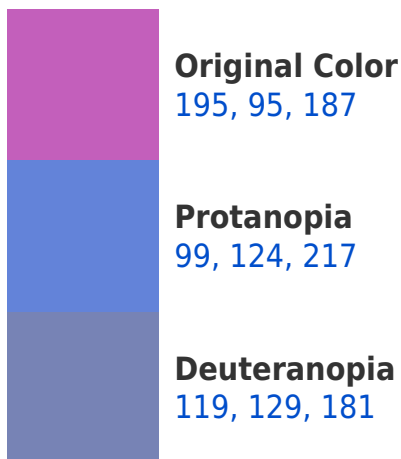



This preview shows how white text looks on a background with the RYB color 195, 95, 187.

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





Tritanopia
187, 111, 119

Trichromacy



Original Color
195, 95, 187

Protanomaly
134, 118, 206

Deuteranomaly
147, 118, 183

Tritanomaly
190, 105, 144

Monochromacy



Original Color
195, 95, 187

Achromatopsia
135, 135, 135

Achromatomaly
157, 120, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 95, 187 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, 95, 187)` looks like.

```
.text, #text, p{  
    color:rgb(195, 95, 187)  
}
```

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, 95, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 95, 187) }
```

Border

The CSS property to change the border of an element to RYB 195, 95, 187 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, 95, 187) }
```

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

```
.border{ border-color:rgb(195, 95, 187) }
```

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

Here you see how a box with a 4 pixel rgb(195, 95, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 95, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 95, 187);  
box-shadow:4px 4px 4px 4px rgb(195, 95,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 195, 95, 187 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 95, 187) }
```

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

```
.background{ background-color: rgb(195, 95,  
187) }
```

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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