

Converting Colors

`RYB(195, 94, 190)`

Have a look what the booklet for
RYB(195, 94, 190) contains.

RYB(195, 94, 190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(195, 94, 190)`

Conversions

Conversions Part 1

Format	Color
Hex	C35EBE
RGB	195, 94, 190
RGB Percent	76%, 37%, 75%
CMY	0.2353, 0.6314, 0.2549
CMYK	0.00, 0.52, 0.03, 0.24
HSL	303°, 46%, 57%
HSV	303°, 52%, 76%
XYZ	35.8026, 23.3252, 51.3304
YIQ	135.1430, 29.3800, 51.2680

Conversions

Conversions Part 2

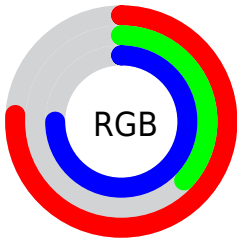
Format	Color
R_{YB}	195, 94, 190
Decimal	12803774
CIE _{Lab}	55.41, 53.32, -32.54
CIE _{LCh}	55, 62.465, 328.601
Yxy	23.3252, 0.3241, 0.2112
Android (android.graphics.Color)	4290993854 (0xFFC35EBE)
YUV	135.1430, 27.0445, 52.4946
Hunter-Lab	48.2962, 47.8062, -29.2076

Details

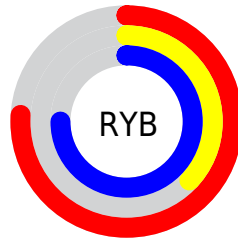
The RYB color **195, 94, 190** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **94, 190, 195**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **254, 148, 247**, and **139, 39, 136** is the 20% darker color. If you saturate the color by 10%, you get **195, 75, 189**, and if you desaturate by 10%, it is **195, 114, 191**.

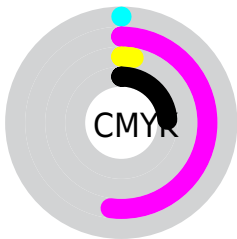
Distribution



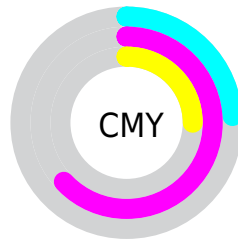
- Red (76%)
- Green (37%)
- Blue (75%)



- Red (76%)
- Yellow (37%)
- Blue (75%)



- Cyan (0%)
- Magenta (52%)
- Yellow (3%)
- Black (24%)




- Cyan (24%)
- Magenta (63%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 94, 190 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, 94, 190 by changing the saturation by 10% instead.

 195, 94, 190

 195, 94, 190

255, 255, 255

 167, 67, 163

 254, 148, 247

 139, 39, 136

 255, 176, 255

 112, 0, 111


 255, 204, 255

 85, 0, 86

 255, 233, 255

 59, 0, 62

 35, 0, 40

 0, 1, 17

 0, 0, 0

 195, 94, 190

 195, 94, 190

195, 75, 189

195, 114, 191

195, 55, 188

195, 133, 192

195, 36, 187

195, 153, 193

195, 16, 186

195, 172, 194

195, 0, 185

195, 192, 195

195, 210, 211

195, 229, 231

195, 247, 250

195, 251, 255

Harmonies

Analogous

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



126, 119, 228



195, 94, 190



226, 77, 138

Triad

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



195, 94, 190



40, 161, 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, 94, 190



94, 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.



0, 86, 157



195, 94, 190



21, 145, 58

Square

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



195, 94, 190



202, 163, 36



0, 104, 153



0, 91, 225

Rectangle

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



195, 94, 190



229, 80, 101



0, 104, 153



0, 81, 166

Sweetspot

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



195, 94, 190



252, 212, 250



97, 94, 195



128, 103, 126



0, 0, 0



128, 128, 128

Same Dimension

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



195, 94, 190



252, 96, 245



195, 94, 141



97, 87, 96



161, 0, 153



33, 0, 32

Inverse Universe

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



195, 94, 190



252, 96, 245



94, 160, 195



97, 87, 96



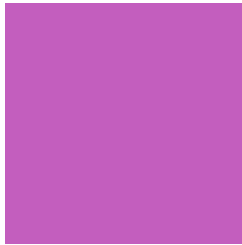
161, 0, 153



33, 0, 32

Previews

White Background



This preview shows how the RYB color 195, 94, 190 looks on a white background.

Color Contrast Check

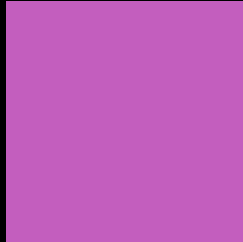
Large Text (above 18pt) WCAG AA ✓ Pass

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, 94, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

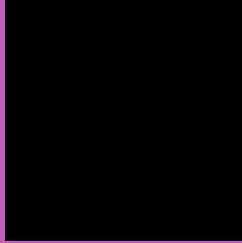
Any Text WCAG AA ✓ Pass

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, 94, 190 Background



This preview shows how black text looks on a background with the RYB color 195, 94, 190.

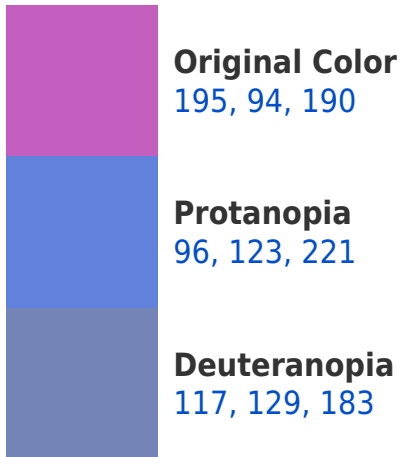



This preview shows how white text looks on a background with the RYB color 195, 94, 190.

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, 94, 190



Protanomaly

132, 117, 210



Deuteranomaly

145, 118, 186



Tritanomaly

190, 105, 145

Monochromacy



Original Color

195, 94, 190



Achromatopsia

135, 135, 135



Achromatomaly

157, 120, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 94, 190 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, 94, 190)` looks like.

```
.text, #text, p{  
    color:rgb(195, 94, 190)  
}
```

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, 94, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 94, 190) }
```

Border

The CSS property to change the border of an element to RYB 195, 94, 190 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, 94, 190) }
```

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

```
.border{ border-color:rgb(195, 94, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 94, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 94, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 94, 190);  
box-shadow:4px 4px 4px 4px rgb(195, 94,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 195, 94, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 94, 190) }
```

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

```
.background{ background-color: rgb(195, 94,  
190) }
```

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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