

Converting Colors

`RYB(199, 79, 115)`

Have a look what the booklet for
RYB(199, 79, 115) contains.

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Color

R_YB(199, 79, 115)

Conversions

Conversions Part 1

Format	Color
Hex	C74F73
RGB	199, 79, 115
RGB Percent	78%, 31%, 45%
CMY	0.2196, 0.6902, 0.5490
CMYK	0.00, 0.60, 0.42, 0.22
HSL	342°, 52%, 55%
HSV	342°, 60%, 78%
XYZ	29.4437, 18.9719, 18.3297
YIQ	118.9840, 59.9640, 36.6360

Conversions

Conversions Part 2

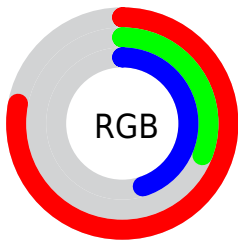
Format	Color
R_{YB}	199, 79, 115
Decimal	13062003
CIE _{Lab}	50.65, 51.01, 4.49
CIE _{LCh}	51, 51.209, 5.029
Yxy	18.9719, 0.4411, 0.2842
Android (android.graphics.Color)	4291252083 (0xFFC74F73)
YUV	118.9840, -1.9641, 70.1740
Hunter-Lab	43.5567, 44.4390, 5.5390

Details

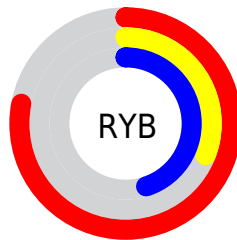
The RYB color **199, 79, 115** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **79, 150, 199**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **255, 133, 167**, and **141, 19, 67** is the 20% darker color. If you saturate the color by 10%, you get **199, 59, 101**, and if you desaturate by 10%, it is **199, 99, 129**.

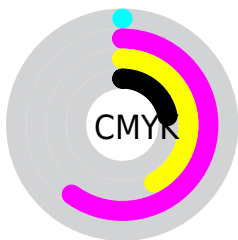
Distribution



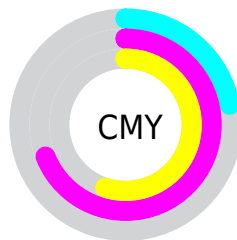
- Red (78%)
- Green (31%)
- Blue (45%)



- Red (78%)
- Yellow (31%)
- Blue (45%)



- Cyan (0%)
- Magenta (60%)
- Yellow (42%)
- Black (22%)



- Cyan (22%)
- Magenta (69%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 79, 115 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 199, 79, 115 by changing the saturation by 10% instead.



199, 79, 115



199, 79, 115

255, 255, 255



170, 51, 91



255, 133, 167



141, 19, 67



255, 161, 194



112, 0, 45



255, 189, 222



84, 0, 25



255, 218, 250



60, 0, 2



255, 247, 255



23, 0, 0



0, 0, 0



199, 79, 115



199, 79, 115



199, 59, 101



199, 99, 129

199, 39, 87

199, 119, 143

199, 19, 73

199, 139, 157

199, 0, 60

199, 159, 171

199, 179, 185

199, 198, 199

199, 210, 218

199, 222, 238

199, 231, 255

Harmonies

Analogous

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



179, 87, 158



199, 79, 115



195, 90, 73

Triad

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



199, 79, 115



43, 132, 84



0, 80, 199

Complementary

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



199, 79, 115



79, 150, 199

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, 77, 170



199, 79, 115



0, 87, 139

Square

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



199, 79, 115



40, 136, 23



0, 74, 141



26, 89, 208

Rectangle

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



199, 79, 115



181, 129, 49



0, 74, 141



0, 80, 192

Sweetspot

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



199, 79, 115



255, 209, 223



163, 79, 199



128, 99, 108



0, 0, 0



128, 128, 128

Same Dimension

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



199, 79, 115



255, 71, 126



199, 109, 79



99, 90, 92



163, 0, 49



36, 0, 11

Inverse Universe

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



199, 79, 115



255, 71, 126



79, 132, 199



99, 90, 92



163, 0, 49



36, 0, 11

Previews

White Background



This preview shows how the RYB color 199, 79, 115 looks on a white background.

Color Contrast Check

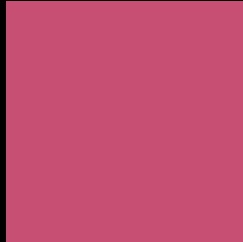
Large Text (above 18pt) WCAG AA ✓ Pass

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 199, 79, 115 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](#).

R Y B 199, 79, 115 Background



This preview shows how black text looks on a background with the RYB color 199, 79, 115.

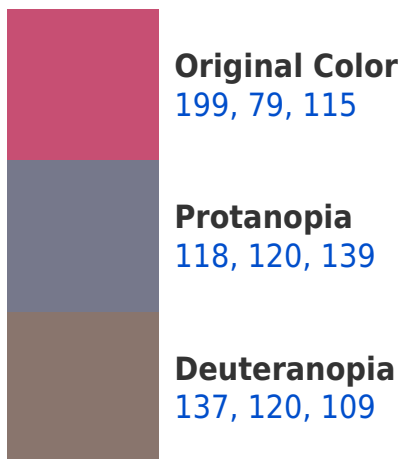


This preview shows how white text looks on a background with the RYB color 199, 79, 115.

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
197, 84, 90

Trichromacy



Original Color

199, 79, 115

Protanomaly

147, 105, 130

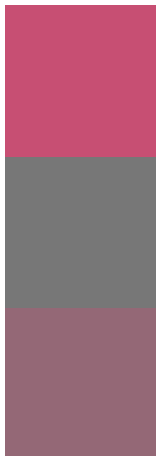
Deuteranomaly

160, 103, 111

Tritanomaly

198, 82, 99

Monochromacy



Original Color

199, 79, 115

Achromatopsia

119, 119, 119

Achromatomaly

148, 104, 118

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 79, 115 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(199, 79, 115)` looks like.

```
.text, #text, p{  
    color:rgb(199, 79, 115)  
}
```

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(199, 79, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 79, 115) }
```

Border

The CSS property to change the border of an element to RYB 199, 79, 115 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(199, 79, 115) }
```

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

```
.border{ border-color:rgb(199, 79, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 79, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 79, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 79, 115); box-shadow:4px 4px 4px 4px rgb(199, 79, 115) }
```

Background

The CSS property to change the background color of an element to RGB 199, 79, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 79, 115) }
```

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

```
.background{ background-color: rgb(199, 79,  
115) }
```

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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