

Converting Colors

`RYB(199, 62, 109)`

Have a look what the booklet for
RYB(199, 62, 109) contains.

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Color

RYB(199, 62, 109)

Conversions

Conversions Part 1

Format	Color
Hex	C73E6D
RGB	199, 62, 109
RGB Percent	78%, 24%, 43%
CMY	0.2196, 0.7569, 0.5725
CMYK	0.00, 0.69, 0.45, 0.22
HSL	339°, 55%, 51%
HSV	339°, 69%, 78%
XYZ	28.0361, 16.6915, 16.2121
YIQ	108.3210, 66.5650, 43.6610

Conversions

Conversions Part 2

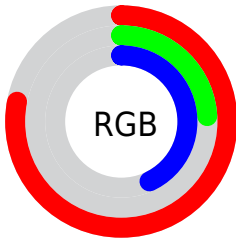
Format	Color
R_{YB}	199, 62, 109
Decimal	13057645
CIE _{Lab}	47.87, 57.54, 4.11
CIE _{LCh}	48, 57.685, 4.090
Yxy	16.6915, 0.4601, 0.2739
Android (android.graphics.Color)	4291247725 (0xFFC73E6D)
YUV	108.3210, 0.3347, 79.5255
Hunter-Lab	40.8552, 50.9956, 5.0713

Details

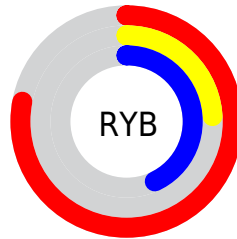
The RYB color **199, 62, 109** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **62, 145, 199**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **255, 118, 160**, and **140, 0, 62** is the 20% darker color. If you saturate the color by 10%, you get **199, 42, 96**, and if you desaturate by 10%, it is **199, 82, 122**.

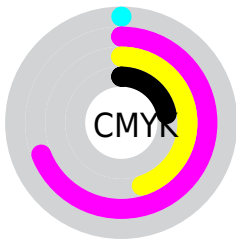
Distribution



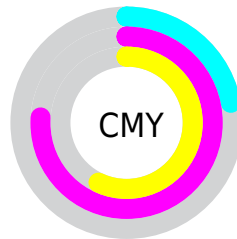
- Red (78%)
- Green (24%)
- Blue (43%)



- Red (78%)
- Yellow (24%)
- Blue (43%)



- Cyan (0%)
- Magenta (69%)
- Yellow (45%)
- Black (22%)




- Cyan (22%)
- Magenta (76%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 62, 109 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, 62, 109 by changing the saturation by 10% instead.

 199, 62, 109

255, 255, 255

 255, 118, 160

 255, 146, 187

 255, 175, 215


 255, 203, 243

 255, 233, 255

 199, 62, 109

 169, 29, 85

 140, 0, 62

 111, 0, 40

 82, 0, 20

 56, 0, 2

 13, 0, 0

 0, 0, 0

 199, 62, 109

 199, 42, 96

 199, 62, 109

 199, 82, 122

■ 199, 22, 83

■ 199, 102, 135

■ 199, 2, 70

■ 199, 122, 148

■ 199, 0, 68

■ 199, 142, 161

■ 199, 162, 174

■ 199, 181, 187

■ 199, 200, 201

■ 199, 212, 221

■ 199, 224, 241

Harmonies

Analogous

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



177, 74, 157



199, 62, 109



194, 74, 62

Triad

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



199, 62, 109



20, 126, 66



0, 79, 201

Complementary

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



199, 62, 109



62, 145, 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, 75, 167



199, 62, 109



0, 88, 133

Square

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



199, 62, 109



18, 130, 0



0, 73, 136



0, 75, 211

Rectangle

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



199, 62, 109



180, 121, 33



0, 73, 136



0, 78, 192

Sweetspot

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



199, 62, 109



255, 201, 220



151, 62, 199



128, 96, 107



0, 0, 0



128, 128, 128

Same Dimension

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



199, 62, 109



255, 43, 116



199, 87, 62



99, 90, 93



163, 0, 56



36, 0, 12

Inverse Universe

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



199, 62, 109



255, 43, 116



62, 125, 199



99, 90, 93



163, 0, 56



36, 0, 12

Previews

White Background



This preview shows how the RYB color 199, 62, 109 looks on a white background.

Color Contrast Check

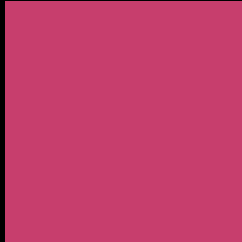
Large Text (above 18pt) WCAG AA ✓ Pass

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 199, 62, 109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

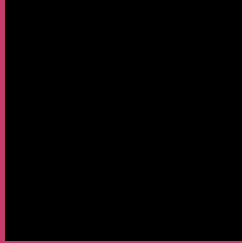
Any Text WCAG AA × Fail

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 199, 62, 109 Background



This preview shows how black text looks on a background with the RYB color 199, 62, 109.



This preview shows how white text looks on a background with the RYB color 199, 62, 109.

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, 70, 74

Trichromacy



Original Color

199, 62, 109

Protanomaly

142, 94, 128

Deuteranomaly

155, 93, 105

Tritanomaly

198, 67, 87

Monochromacy



Original Color

199, 62, 109

Achromatopsia

108, 108, 108

Achromatomaly

141, 91, 108

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 62, 109 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, 62, 109)` looks like.

```
.text, #text, p{  
    color:rgb(199, 62, 109)  
}
```

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, 62, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 62, 109) }
```

Border

The CSS property to change the border of an element to RYB 199, 62, 109 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, 62, 109) }
```

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

```
.border{ border-color:rgb(199, 62, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 62, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 62, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 62, 109);  
box-shadow:4px 4px 4px 4px rgb(199, 62,  
109) }
```

Background

The CSS property to change the background color of an element to RGB 199, 62, 109 is called "background".

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

```
.background, #background, body{  
background: rgb(199, 62, 109) }
```

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

```
.background{ background-color: rgb(199, 62,  
109) }
```

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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