

Converting Colors

`RYB(194, 73, 163)`

Have a look what the booklet for
RYB(194, 73, 163) contains.

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Color

R_YB(194, 73, 163)

Conversions

Conversions Part 1

Format	Color
Hex	C249A3
RGB	194, 73, 163
RGB Percent	76%, 29%, 64%
CMY	0.2392, 0.7137, 0.3608
CMYK	0.00, 0.62, 0.16, 0.24
HSL	315°, 50%, 52%
HSV	315°, 62%, 76%
XYZ	31.2415, 18.8788, 36.6477
YIQ	119.4390, 43.2260, 53.6420

Conversions

Conversions Part 2

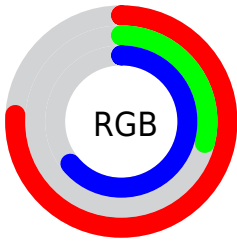
Format	Color
RYB	194, 73, 163
Decimal	12732835
CIELab	50.55, 58.23, -24.39
CIELCh	51, 63.134, 337.276
Yxy	18.8788, 0.3601, 0.2176
Android (android.graphics.Color)	4290922915 (0xFFC249A3)
YUV	119.4390, 21.4756, 65.3900
Hunter-Lab	43.4497, 52.3095, -19.5934

Details

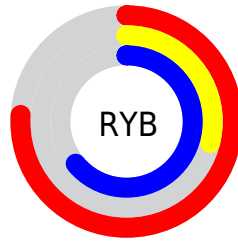
The RYB color **194, 73, 163** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **73, 169, 194**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **253, 128, 218**, and **137, 0, 111** is the 20% darker color. If you saturate the color by 10%, you get **194, 54, 158**, and if you desaturate by 10%, it is **194, 92, 168**.

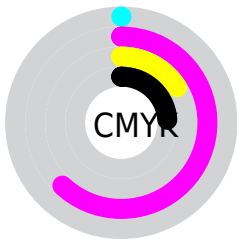
Distribution



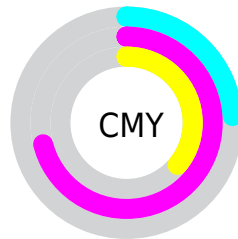
- Red (76%)
- Green (29%)
- Blue (64%)



- Red (76%)
- Yellow (29%)
- Blue (64%)



- Cyan (0%)
- Magenta (62%)
- Yellow (16%)
- Black (24%)



- Cyan (24%)
- Magenta (71%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 73, 163 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 194, 73, 163 by changing the saturation by 10% instead.

 194, 73, 163

255, 255, 255


 253, 128, 218

 255, 156, 247

 255, 185, 255

 255, 214, 255

 255, 243, 255

 194, 73, 163

 165, 43, 137

 137, 0, 111


 109, 0, 86

 82, 0, 63

 58, 0, 41

 27, 0, 18

 0, 0, 0

 194, 73, 163

 194, 54, 158

 194, 73, 163

 194, 92, 168

194, 34, 153

194, 112, 173

194, 15, 148

194, 131, 178

194, 0, 144

194, 151, 183

194, 170, 188

194, 189, 193

194, 206, 209

194, 221, 228

194, 237, 248

Harmonies

Analogous

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



137, 100, 207



194, 73, 163



215, 61, 110

Triad

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



194, 73, 163



12, 133, 0



0, 80, 184

Complementary

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



194, 73, 163



73, 169, 194

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, 76, 145



194, 73, 163



19, 135, 79

Square

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



194, 73, 163



132, 177, 1



0, 92, 142



0, 84, 220

Rectangle

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



194, 73, 163



212, 70, 75



0, 92, 142



0, 78, 168

Sweetspot

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



194, 73, 163



252, 204, 240



103, 73, 194



128, 98, 120



0, 0, 0



128, 128, 128

Same Dimension

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



194, 73, 163



252, 63, 204



194, 73, 103



97, 87, 94



161, 0, 119



33, 0, 25

Inverse Universe

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



194, 73, 163



252, 63, 204



73, 142, 194



97, 87, 94



161, 0, 119



33, 0, 25

Previews

White Background



This preview shows how the RYB color 194, 73, 163 looks on a white background.

Color Contrast Check

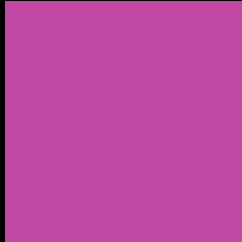
Large Text (above 18pt) WCAG AA ✓ Pass

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 194, 73, 163 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 194, 73, 163 Background



This preview shows how black text looks on a background with the RYB color 194, 73, 163.

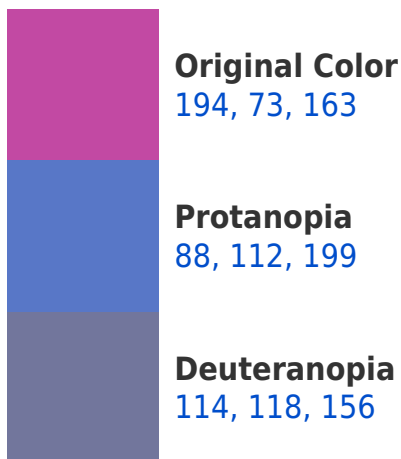


This preview shows how white text looks on a background with the RYB color 194, 73, 163.

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
188, 90, 97

Trichromacy



Original Color

194, 73, 163



Protanomaly

127, 102, 186



Deuteranomaly

143, 102, 159



Tritanomaly

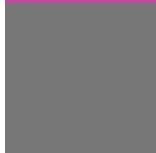
190, 84, 121

Monochromacy



Original Color

194, 73, 163



Achromatopsia

119, 119, 119



Achromatomaly

146, 102, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 73, 163 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(194, 73, 163) looks like.

```
.text, #text, p{  
    color:rgb(194, 73, 163)  
}
```

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(194, 73, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 73, 163) }
```

Border

The CSS property to change the border of an element to RYB 194, 73, 163 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(194, 73, 163) }
```

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

```
.border{ border-color:rgb(194, 73, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 73, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 73, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 73, 163); box-shadow:4px 4px 4px 4px rgb(194, 73, 163) }
```

Background

The CSS property to change the background color of an element to RYB 194, 73, 163 is called "background".

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

```
.background, #background, body{  
background: rgb(194, 73, 163) }
```

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

```
.background{ background-color: rgb(194, 73,  
163) }
```

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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