

Converting Colors

`RYB(209, 91, 154)`

Have a look what the booklet for RYB(209, 91, 154) contains.

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Color

RYB(209, 91, 154)

Conversions

Conversions Part 1

Format	Color
Hex	D15B9A
RGB	209, 91, 154
RGB Percent	82%, 36%, 60%
CMY	0.1804, 0.6431, 0.3961
CMYK	0.00, 0.56, 0.26, 0.18
HSL	328°, 56%, 59%
HSV	328°, 56%, 82%
XYZ	35.8683, 23.3706, 33.1924
YIQ	133.4640, 50.1050, 44.6090

Conversions

Conversions Part 2

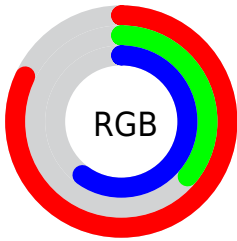
Format	Color
R_{YB}	209, 91, 154
Decimal	13720474
CIE _{Lab}	55.45, 53.34, -11.41
CIE _{LCh}	55, 54.546, 347.925
Yxy	23.3706, 0.3881, 0.2528
Android (android.graphics.Color)	4291910554 (0xFFD15B9A)
YUV	133.4640, 10.1242, 66.2451
Hunter-Lab	48.3431, 47.8381, -6.8683

Details

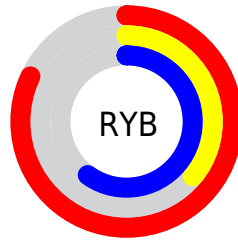
The RYB color **209, 91, 154** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **91, 171, 209**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **255, 146, 208**, and **151, 34, 103** is the 20% darker color. If you saturate the color by 10%, you get **209, 70, 144**, and if you desaturate by 10%, it is **209, 112, 164**.

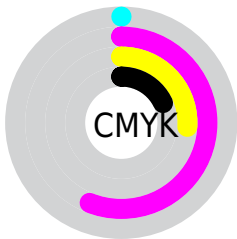
Distribution



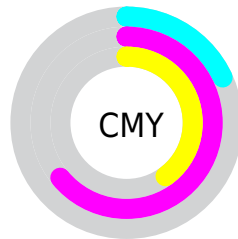
- Red (82%)
- Green (36%)
- Blue (60%)



- Red (82%)
- Yellow (36%)
- Blue (60%)



- Cyan (0%)
- Magenta (56%)
- Yellow (26%)
- Black (18%)



- Cyan (18%)
- Magenta (64%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 91, 154 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 209, 91, 154 by changing the saturation by 10% instead.


 209, 91, 154  209, 91, 154

255, 255, 255  180, 64, 128

 255, 146, 208  151, 34, 103


 255, 174, 237  123, 0, 79

 255, 202, 255  96, 0, 56

 255, 231, 255  69, 0, 34

 44, 0, 10

 0, 0, 0

 209, 91, 154  209, 91, 154

 209, 70, 144  209, 112, 164

■ 209, 49, 135

■ 209, 133, 173

■ 209, 28, 125

■ 209, 154, 183

■ 209, 7, 115

■ 209, 175, 193

■ 209, 0, 112

■ 209, 196, 203

■ 209, 214, 216

■ 209, 228, 237

■ 209, 240, 255

■ 209, 236, 255

Harmonies

Analogous

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



171, 108, 197



209, 91, 154



219, 90, 106

Triad

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



209, 91, 154



33, 139, 42



0, 87, 202

Complementary

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



209, 91, 154



91, 171, 209

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, 79, 161



209, 91, 154



66, 149, 141

Square

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



209, 91, 154



108, 173, 33



0, 89, 154



0, 88, 225

Rectangle

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



209, 91, 154



212, 103, 77



0, 89, 154



0, 85, 190

Sweetspot

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



209, 91, 154



255, 212, 235



144, 91, 209



128, 102, 116



0, 0, 0



128, 128, 128

Same Dimension

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



209, 91, 154



255, 82, 174



209, 91, 97



105, 94, 100



168, 0, 90



41, 0, 22

Inverse Universe

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



209, 91, 154



255, 82, 174



91, 152, 209



105, 94, 100



168, 0, 90



41, 0, 22

Previews

White Background



This preview shows how the RYB color 209, 91, 154 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 209, 91, 154 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 209, 91, 154 Background



This preview shows how black text looks on a background with the RYB color 209, 91, 154.



This preview shows how white text looks on a background with the RYB color 209, 91, 154.

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



Original Color
209, 91, 154

Protanopia
119, 130, 182

Deuteranopia
139, 130, 148



Tritanopia
205, 101, 108

Trichromacy



Original Color

209, 91, 154



Protanomaly

152, 117, 172



Deuteranomaly

164, 116, 150



Tritanomaly

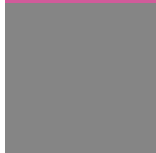
206, 97, 125

Monochromacy



Original Color

209, 91, 154



Achromatopsia

133, 133, 133



Achromatomaly

161, 118, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 91, 154 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(209, 91, 154) looks like.

```
.text, #text, p{  
    color:rgb(209, 91, 154)  
}
```

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(209, 91, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 91, 154) }
```

Border

The CSS property to change the border of an element to RYB 209, 91, 154 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(209, 91, 154) }
```

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

```
.border{ border-color:rgb(209, 91, 154) }
```

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

Here you see how a box with a 4 pixel rgb(209, 91, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 91, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 91, 154);  
box-shadow:4px 4px 4px 4px rgb(209, 91,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 209, 91, 154 is called "background".

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

```
.background, #background, body{  
background: rgb(209, 91, 154) }
```

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

```
.background{ background-color: rgb(209, 91,  
154) }
```

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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