

Converting Colors

`RYB(241, 157, 202)`

Have a look what the booklet for
RYB(241, 157, 202) contains.

RYB(241, 157, 202)	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

R_YB(241, 157, 202)

Conversions

Conversions Part 1

Format	Color
Hex	F19DCA
RGB	241, 157, 202
RGB Percent	95%, 62%, 79%
CMY	0.0549, 0.3843, 0.2078
CMYK	0.00, 0.35, 0.16, 0.05
HSL	328°, 75%, 78%
HSV	328°, 35%, 95%
XYZ	58.9933, 47.0790, 61.8550
YIQ	187.2460, 35.6190, 31.8030

Conversions

Conversions Part 2

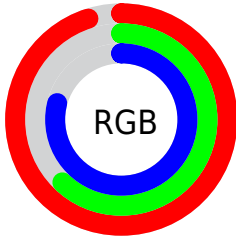
Format	Color
RYB	241, 157, 202
Decimal	15834570
CIELab	74.24, 37.54, -10.05
CIElCh	74, 38.862, 345.006
Yxy	47.0790, 0.3513, 0.2804
Android (android.graphics.Color)	4294024650 (0xFFFF19DCA)
YUV	187.2460, 7.2737, 47.1423
Hunter-Lab	68.6141, 33.3966, -5.4195

Details

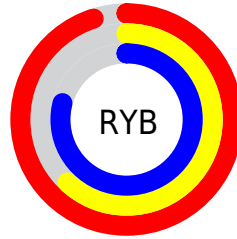
The RYB color **241, 157, 202** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **157, 214, 241**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 213, 255**, and **184, 104, 148** is the 20% darker color. If you saturate the color by 10%, you get **241, 133, 191**, and if you desaturate by 10%, it is **241, 181, 213**.

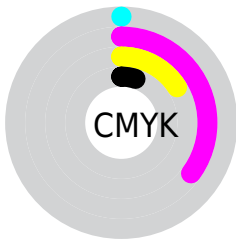
Distribution



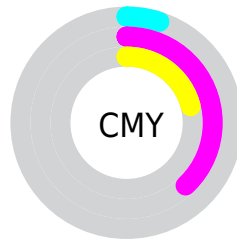
- Red (95%)
- Green (62%)
- Blue (79%)



- Red (95%)
- Yellow (62%)
- Blue (79%)



- Cyan (0%)
- Magenta (35%)
- Yellow (16%)
- Black (5%)





- Cyan (5%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RYB color 241, 157, 202 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 241, 157, 202 by changing the saturation by 10% instead.


 241, 157, 202

 241, 157, 202

255, 255, 255

 212, 130, 175

 255, 213, 255

 184, 104, 148

 255, 241, 255

 156, 79, 122

 129, 54, 97

 102, 28, 74

 76, 0, 51

 52, 0, 30

 25, 0, 1

 0, 0, 0

■ 241, 157, 202

■ 241, 157, 202

■ 241, 133, 191

■ 241, 181, 213

■ 241, 109, 180

■ 241, 205, 224

■ 241, 85, 168

■ 241, 229, 236

■ 241, 61, 157

■ 241, 249, 253

■ 241, 37, 146

■ 241, 248, 255

■ 241, 12, 135

■ 241, 0, 129

Harmonies

Analogous

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



209, 167, 233



241, 157, 202



253, 155, 166

Triad

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



241, 157, 202



115, 188, 113



43, 128, 232

Complementary

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



241, 157, 202



157, 214, 241

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.



54, 129, 202



241, 157, 202



131, 195, 178

Square

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



241, 157, 202



200, 222, 114



103, 163, 200



100, 157, 251

Rectangle

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



241, 157, 202



249, 162, 143



103, 163, 200



35, 123, 222

Sweetspot

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



241, 157, 202



255, 230, 243



195, 157, 241



128, 112, 120



0, 0, 0



128, 128, 128

Same Dimension

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



241, 157, 202



255, 148, 205



241, 157, 161



120, 108, 114



184, 0, 98



56, 0, 30

Inverse Universe

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



241, 157, 202



255, 148, 205



157, 200, 241



120, 108, 114



184, 0, 98



56, 0, 30

Previews

White Background



This preview shows how the RYB color 241, 157, 202 looks on a white background.

Color Contrast Check

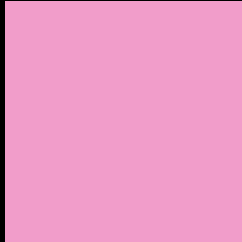
Large Text (above 18pt) WCAG AA × Fail

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 241, 157, 202 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 241, 157, 202 Background



This preview shows how black text looks on a background with the RYB color 241, 157, 202.



This preview shows how white text looks on a background with the RYB color 241, 157, 202.

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
238, 162, 174

Trichromacy



Original Color

241, 157, 202



Protanomaly

199, 172, 212



Deuteranomaly

211, 170, 199



Tritanomaly

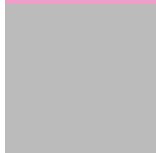
239, 160, 184

Monochromacy



Original Color

241, 157, 202



Achromatopsia

187, 187, 187



Achromatomaly

207, 176, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 157, 202 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(241, 157, 202)` looks like.

```
.text, #text, p{  
    color:rgb(241, 157, 202)  
}
```

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(241, 157, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 157, 202) }
```

Border

The CSS property to change the border of an element to RYB 241, 157, 202 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(241, 157, 202) }
```

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

```
.border{ border-color:rgb(241, 157, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 157, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 157, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 157, 202);  
box-shadow:4px 4px 4px 4px rgb(241, 157,  
202) }
```

Background

The CSS property to change the background color of an element to RYB 241, 157, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 157, 202) }
```

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

```
.background{ background-color: rgb(241,  
157, 202) }
```

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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