

Converting Colors

`RYB(226, 79, 167)`

Have a look what the booklet for
RYB(226, 79, 167) contains.

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Color

R_YB(226, 79, 167)

Conversions

Conversions Part 1

Format	Color
Hex	E24FA7
RGB	226, 79, 167
RGB Percent	89%, 31%, 65%
CMY	0.1137, 0.6902, 0.3451
CMYK	0.00, 0.65, 0.26, 0.11
HSL	324°, 72%, 60%
HSV	324°, 65%, 89%
XYZ	41.1351, 24.5507, 39.1299
YIQ	132.9850, 59.3640, 58.5320

Conversions

Conversions Part 2

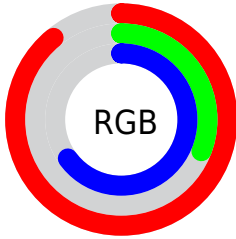
Format	Color
R _Y B	226, 79, 167
Decimal	14831527
CIE Lab	56.64, 65.12, -16.96
CIE LCh	57, 67.296, 345.402
Yxy	24.5507, 0.3925, 0.2342
Android (android.graphics.Color)	4293021607 (0xFFE24FA7)
YUV	132.9850, 16.7694, 81.5742
Hunter-Lab	49.5487, 61.4795, -12.1388

Details

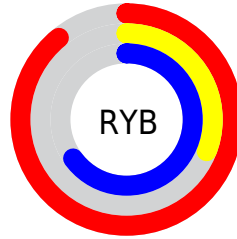
The RYB color **226, 79, 167** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **79, 184, 226**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **255, 137, 222**, and **167, 0, 115** is the 20% darker color. If you saturate the color by 10%, you get **226, 56, 158**, and if you desaturate by 10%, it is **226, 102, 176**.

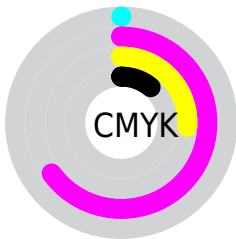
Distribution



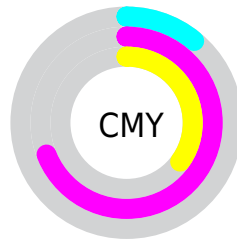
- Red (89%)
- Green (31%)
- Blue (65%)



- Red (89%)
- Yellow (31%)
- Blue (65%)



- Cyan (0%)
- Magenta (65%)
- Yellow (26%)
- Black (11%)



- Cyan (11%)
- Magenta (69%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 79, 167 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 226, 79, 167 by changing the saturation by 10% instead.



226, 79, 167



226, 79, 167

255, 255, 255



196, 48, 141



255, 137, 222



167, 0, 115



255, 165, 251



138, 0, 90



255, 194, 255



109, 0, 67



255, 224, 255



81, 0, 44



255, 253, 255



55, 0, 24



18, 0, 0



0, 0, 0



226, 79, 167



226, 79, 167

■ 226, 56, 158

■ 226, 102, 176

■ 226, 34, 149

■ 226, 124, 185

■ 226, 11, 140

■ 226, 147, 194

■ 226, 0, 135

■ 226, 169, 203

■ 226, 192, 212

■ 226, 215, 221

■ 226, 234, 237

■ 226, 246, 255

■ 226, 242, 255

Harmonies

Analogous

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



176, 106, 219



226, 79, 167



240, 75, 108

Triad

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



226, 79, 167



0, 142, 7



0, 92, 218

Complementary

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



226, 79, 167



79, 184, 226

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, 82, 165



226, 79, 167



45, 155, 137

Square

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



226, 79, 167



95, 186, 0



0, 98, 161



0, 94, 250

Rectangle

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



226, 79, 167



232, 90, 71



0, 98, 161



0, 90, 203

Sweetspot

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



226, 79, 167



255, 204, 235



138, 79, 226



128, 97, 115



0, 0, 0



128, 128, 128

Same Dimension

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



226, 79, 167



255, 56, 175



226, 79, 94



112, 101, 108



176, 0, 105



48, 0, 29

Inverse Universe

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



226, 79, 167



255, 56, 175



79, 156, 226



112, 101, 108



176, 0, 105



48, 0, 29

Previews

White Background



This preview shows how the RYB color 226, 79, 167 looks on a white background.

Color Contrast Check

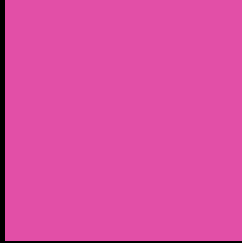
Large Text (above 18pt) WCAG AA ✓ Pass

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 226, 79, 167 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 226, 79, 167 Background



This preview shows how black text looks on a background with the RYB color 226, 79, 167.

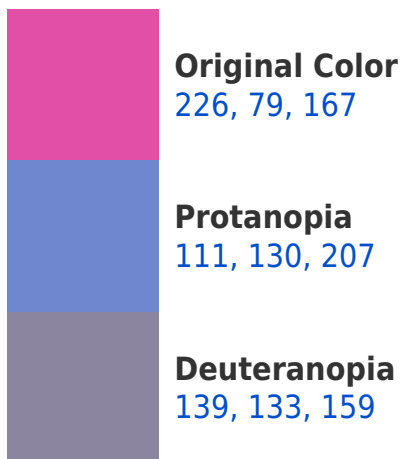


This preview shows how white text looks on a background with the RYB color 226, 79, 167.

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
220, 95, 102

Trichromacy



Original Color

226, 79, 167



Protanomaly

153, 114, 192



Deuteranomaly

171, 113, 162



Tritanomaly

222, 89, 126

Monochromacy



Original Color

226, 79, 167



Achromatopsia

133, 133, 133



Achromatomaly

167, 113, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 79, 167 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(226, 79, 167)` looks like.

```
.text, #text, p{  
    color:rgb(226, 79, 167)  
}
```

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(226, 79, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 79, 167) }
```

Border

The CSS property to change the border of an element to RYB 226, 79, 167 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(226, 79, 167) }
```

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

```
.border{ border-color:rgb(226, 79, 167) }
```

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

Here you see how a box with a 4 pixel rgb(226, 79, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 79, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 79, 167);  
box-shadow:4px 4px 4px 4px rgb(226, 79,  
167) }
```

Background

The CSS property to change the background color of an element to RGB 226, 79, 167 is called "background".

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

```
.background, #background, body{  
background: rgb(226, 79, 167) }
```

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

```
.background{ background-color: rgb(226, 79,  
167) }
```

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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