

Converting Colors

`RYB(251, 100, 144)`

Have a look what the booklet for
RYB(251, 100, 144) contains.

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Color

R_YB(251, 100, 144)

Conversions

Conversions Part 1

Format	Color
Hex	FB6490
RGB	251, 100, 144
RGB Percent	98%, 39%, 56%
CMY	0.0157, 0.6078, 0.4353
CMYK	0.00, 0.60, 0.43, 0.02
HSL	343°, 95%, 69%
HSV	343°, 60%, 98%
XYZ	49.3749, 31.6372, 29.8898
YIQ	150.1650, 75.8720, 45.6960

Conversions

Conversions Part 2

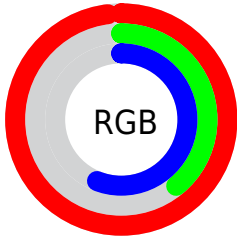
Format	Color
R_{YB}	251, 100, 144
Decimal	16475280
CIE _{Lab}	63.04, 61.24, 6.30
CIE _{LCh}	63, 61.563, 5.871
Yxy	31.6372, 0.4452, 0.2853
Android (android.graphics.Color)	4294665360 (0xFFFB6490)
YUV	150.1650, -3.0393, 88.4323
Hunter-Lab	56.2469, 58.2593, 7.8660

Details

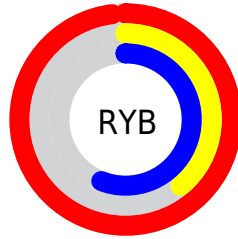
The RYB color **251, 100, 144** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **100, 188, 251**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **255, 157, 198**, and **190, 39, 94** is the 20% darker color. If you saturate the color by 10%, you get **251, 75, 126**, and if you desaturate by 10%, it is **251, 125, 162**.

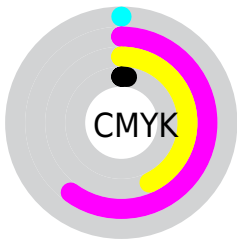
Distribution



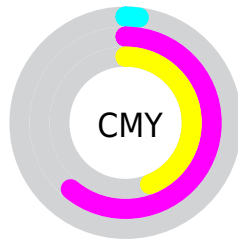
- Red (98%)
- Green (39%)
- Blue (56%)



- Red (98%)
- Yellow (39%)
- Blue (56%)



- Cyan (0%)
- Magenta (60%)
- Yellow (43%)
- Black (2%)





- Cyan (2%)
- Magenta (61%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 251, 100, 144 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 251, 100, 144 by changing the saturation by 10% instead.

 251, 100, 144

 251, 100, 144

255, 255, 255

 220, 71, 118

 255, 157, 198

 190, 39, 94

 255, 185, 226

 160, 0, 70

 255, 214, 254

 130, 0, 48

 255, 244, 255


 101, 0, 28

 73, 0, 2

 44, 0, 1

 0, 0, 0

 251, 100, 144

 251, 100, 144

■ 251, 75, 126

■ 251, 125, 162

■ 251, 50, 108

■ 251, 150, 180

■ 251, 25, 91

■ 251, 175, 197

■ 251, 0, 73

■ 251, 200, 215

■ 251, 226, 233

■ 251, 251, 251

■ 251, 253, 255

Harmonies

Analogous

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



227, 110, 198



251, 100, 144



245, 114, 91

Triad

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



251, 100, 144



56, 167, 110



0, 102, 252

Complementary

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



251, 100, 144



100, 188, 251

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, 97, 215



251, 100, 144



0, 110, 176

Square

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



251, 100, 144



50, 171, 29



0, 94, 179



39, 114, 255

Rectangle

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



251, 100, 144



228, 167, 61



0, 94, 179



0, 101, 242

Sweetspot

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



251, 100, 144



255, 209, 222



206, 100, 251



128, 99, 108



0, 0, 0



128, 128, 128

Same Dimension

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



251, 100, 144



255, 71, 125



251, 137, 100



125, 112, 116



189, 0, 55



61, 0, 18

Inverse Universe

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



251, 100, 144



255, 71, 125



100, 167, 251



125, 112, 116



189, 0, 55



61, 0, 18

Previews

White Background



This preview shows how the RYB color 251, 100, 144 looks on a white background.

Color Contrast Check

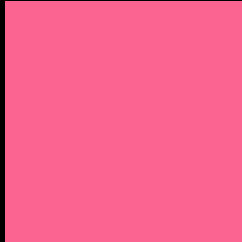
Large Text (above 18pt) WCAG AA × Fail

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 251, 100, 144 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](#).

RGB 251, 100, 144 Background



This preview shows how black text looks on a background with the RGB color 251, 100, 144.

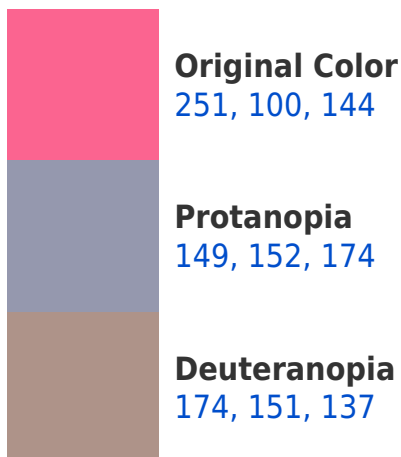



This preview shows how white text looks on a background with the RGB color 251, 100, 144.

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
249, 106, 113

Trichromacy



Original Color

251, 100, 144



Protanomaly

186, 133, 163



Deuteranomaly

202, 130, 140



Tritanomaly

250, 104, 124

Monochromacy



Original Color

251, 100, 144



Achromatopsia

150, 150, 150



Achromatomaly

187, 132, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 100, 144 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(251, 100, 144) looks like.

```
.text, #text, p{  
    color:rgb(251, 100, 144)  
}
```

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(251, 100, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 100, 144) }
```

Border

The CSS property to change the border of an element to RYB 251, 100, 144 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(251, 100, 144) }
```

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

```
.border{ border-color:rgb(251, 100, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 100, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 100, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 100, 144); box-shadow:4px 4px 4px 4px rgb(251, 100, 144) }
```

Background

The CSS property to change the background color of an element to RGB 251, 100, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 100, 144) }
```

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

```
.background{ background-color: rgb(251,  
100, 144) }
```

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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