

Converting Colors

`RYB(241, 111, 150)`

Have a look what the booklet for
RYB(241, 111, 150) contains.

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Color

$\text{RYB}(241, 111, 150)$

Conversions

Conversions Part 1

Format	Color
Hex	F16F96
RGB	241, 111, 150
RGB Percent	95%, 44%, 59%
CMY	0.0549, 0.5647, 0.4118
CMYK	0.00, 0.54, 0.38, 0.05
HSL	342°, 82%, 69%
HSV	342°, 54%, 95%
XYZ	47.4651, 32.2717, 32.5815
YIQ	154.3160, 64.9610, 39.6890

Conversions

Conversions Part 2

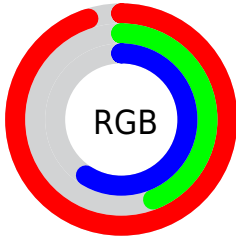
Format	Color
R_{YB}	241, 111, 150
Decimal	15822742
CIE _{Lab}	63.57, 53.73, 3.41
CIE _{LCh}	64, 53.836, 3.633
Yxy	32.2717, 0.4226, 0.2873
Android (android.graphics.Color)	4294012822 (0xFFFF16F96)
YUV	154.3160, -2.1278, 76.0219
Hunter-Lab	56.8082, 49.7284, 5.7607

Details

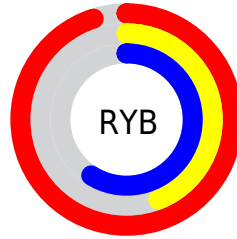
The RYB color **241, 111, 150** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **111, 187, 241**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **255, 166, 204**, and **181, 56, 99** is the 20% darker color. If you saturate the color by 10%, you get **241, 87, 133**, and if you desaturate by 10%, it is **241, 135, 167**.

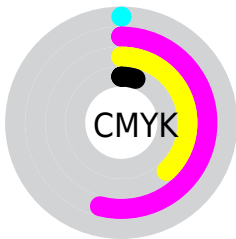
Distribution



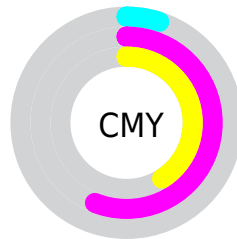
- Red (95%)
- Green (44%)
- Blue (59%)



- Red (95%)
- Yellow (44%)
- Blue (59%)



- Cyan (0%)
- Magenta (54%)
- Yellow (38%)
- Black (5%)




- Cyan (5%)
- Magenta (56%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 241, 111, 150 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, 111, 150 by changing the saturation by 10% instead.

 241, 111, 150


255, 255, 255


 255, 166, 204


 255, 195, 232

 255, 224, 255

 255, 253, 255

 241, 111, 150

 211, 84, 124

 181, 56, 99

 152, 23, 76


 123, 0, 53


 95, 0, 32

 68, 0, 8

 39, 0, 1

 0, 0, 0

 241, 111, 150

 241, 111, 150

■ 241, 87, 133

■ 241, 135, 167

■ 241, 63, 116

■ 241, 159, 184

■ 241, 39, 99

■ 241, 183, 201

■ 241, 15, 83

■ 241, 207, 217

■ 241, 0, 72

■ 241, 231, 234

■ 241, 249, 255

■ 241, 248, 255

Harmonies

Analogous

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



217, 120, 197



241, 111, 150



238, 120, 103

Triad

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



241, 111, 150



70, 166, 110



0, 99, 239

Complementary

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



241, 111, 150



111, 187, 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.



0, 95, 206



241, 111, 150



53, 136, 174

Square

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



241, 111, 150



79, 175, 52



0, 94, 178



67, 127, 250

Rectangle

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



241, 111, 150



224, 159, 78



0, 94, 178



0, 99, 230

Sweetspot

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



241, 111, 150



255, 214, 226



202, 111, 241



128, 103, 111



0, 0, 0



128, 128, 128

Same Dimension

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



241, 111, 150



255, 89, 139



241, 144, 111



120, 108, 111



184, 0, 55



56, 0, 17

Inverse Universe

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



241, 111, 150



255, 89, 139



111, 169, 241



120, 108, 111



184, 0, 55



56, 0, 17

Previews

White Background



This preview shows how the RYB color 241, 111, 150 looks on a white background.

Color Contrast Check

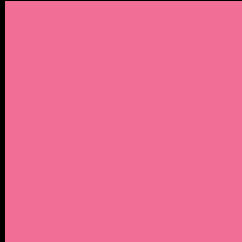
Large Text (above 18pt) WCAG AA × Fail

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, 111, 150 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](#).

R-Y-B 241, 111, 150 Background



This preview shows how black text looks on a background with the RYB color 241, 111, 150.



This preview shows how white text looks on a background with the RYB color 241, 111, 150.

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
241, 111, 150

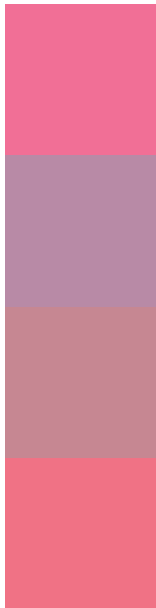
Protanopia
151, 153, 175

Deuteranopia
173, 150, 144



Tritanopia
239, 116, 124

Trichromacy



Original Color
241, 111, 150

Protanomaly
184, 138, 166

Deuteranomaly
198, 135, 146

Tritanomaly
240, 114, 133

Monochromacy



Original Color
241, 111, 150

Achromatopsia
154, 154, 154

Achromatomaly
186, 138, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 111, 150 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, 111, 150)` looks like.

```
.text, #text, p{  
    color:rgb(241, 111, 150)  
}
```

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, 111, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 111, 150) }
```

Border

The CSS property to change the border of an element to RYB 241, 111, 150 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, 111, 150) }
```

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

```
.border{ border-color:rgb(241, 111, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 111, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 111, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 111, 150);  
box-shadow:4px 4px 4px 4px rgb(241, 111,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 241, 111, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 111, 150) }
```

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

```
.background{ background-color: rgb(241,  
111, 150) }
```

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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