

Converting Colors

`RYB(243, 112, 111)`

Have a look what the booklet for
RYB(243, 112, 111) contains.

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Color

$\text{RYB}(243, 112, 111)$

Conversions

Conversions Part 1

Format	Color
Hex	F3706F
RGB	243, 112, 111
RGB Percent	95%, 44%, 44%
CMY	0.0471, 0.5608, 0.5647
CMYK	0.00, 0.54, 0.54, 0.05
HSL	0°, 85%, 69%
HSV	0°, 54%, 95%
XYZ	45.6247, 31.7891, 18.7701
YIQ	151.0550, 78.3970, 27.4610

Conversions

Conversions Part 2

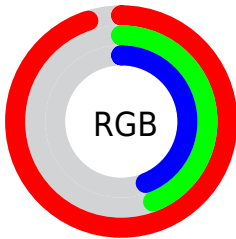
Format	Color
R_{YB}	243, 112, 111
Decimal	15954031
CIE _{Lab}	63.17, 50.25, 25.19
CIE _{LCh}	63, 56.210, 26.621
Yxy	31.7891, 0.4743, 0.3305
Android (android.graphics.Color)	4294144111 (0xFFFF3706F)
YUV	151.0550, -19.7471, 80.6358
Hunter-Lab	56.3818, 45.7759, 19.7289

Details

The RYB color **243, 112, 111** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **111, 177, 243**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **255, 167, 163**, and **182, 58, 63** is the 20% darker color. If you saturate the color by 10%, you get **243, 88, 87**, and if you desaturate by 10%, it is **243, 136, 135**.

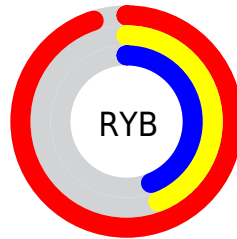
Distribution



Red (95%)

Green (44%)

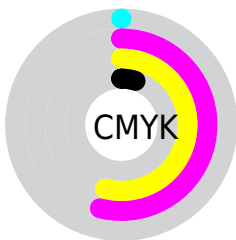
Blue (44%)



Red (95%)

Yellow (44%)

Blue (44%)

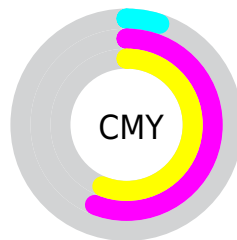


Cyan (0%)

Magenta (54%)

Yellow (54%)

Black (5%)



Cyan (5%)

Magenta (56%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 243, 112, 111 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 243, 112, 111 by changing the saturation by 10% instead.

 243, 112, 111

 243, 112, 111

255, 255, 255

 212, 85, 87

 255, 167, 163

 182, 58, 63

 255, 195, 190

 152, 27, 41

 255, 225, 218

 122, 0, 21

 249, 255, 246


 93, 0, 0

 65, 0, 1

 35, 0, 1

 0, 0, 0


 243, 112, 111

 243, 112, 111

 243, 88, 87

 243, 136, 135

 243, 64, 62

 243, 160, 160

 243, 40, 38

 243, 184, 184

 243, 16, 14

 243, 208, 208

 243, 2, 0

 243, 233, 232

 243, 249, 255

Harmonies

Analogous

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



240, 108, 161



243, 112, 111



222, 168, 69

Triad

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



243, 112, 111



69, 151, 172



0, 98, 253

Complementary

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



243, 112, 111



111, 177, 243

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, 99, 236



243, 112, 111



0, 97, 177

Square

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



243, 112, 111



57, 163, 84



0, 93, 196



145, 142, 243

Rectangle

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



243, 112, 111



144, 199, 51



0, 93, 196



0, 99, 250

Sweetspot

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



243, 112, 111



255, 215, 214



243, 111, 243



128, 103, 103



0, 0, 0



128, 128, 128

Same Dimension

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



243, 112, 111



255, 90, 89



243, 243, 111



122, 110, 110



186, 1, 0



59, 0, 0

Inverse Universe

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



111, 177, 243



89, 172, 255



111, 155, 243



110, 116, 122



0, 93, 186



0, 29, 59

Previews

White Background



This preview shows how the RYB color 243, 112, 111 looks on a white background.

Color Contrast Check

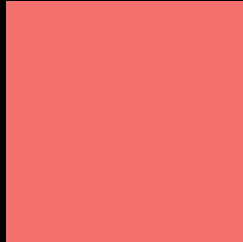
Large Text (above 18pt) WCAG AA × Fail

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 243, 112, 111 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 243, 112, 111 Background



This preview shows how black text looks on a background with the RYB color 243, 112, 111.




This preview shows how white text looks on a background with the RYB color 243, 112, 111.

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
243, 111, 118

Trichromacy



Original Color

243, 112, 111



Protanomaly

191, 142, 123



Deuteranomaly

205, 144, 107



Tritanomaly

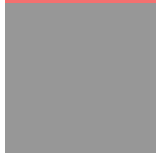
243, 111, 115

Monochromacy



Original Color

243, 112, 111



Achromatopsia

151, 151, 151



Achromatomaly

184, 137, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 112, 111 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(243, 112, 111)` looks like.

```
.text, #text, p{  
    color:rgb(243, 112, 111)  
}
```

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(243, 112, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 112, 111) }
```

Border

The CSS property to change the border of an element to RYB 243, 112, 111 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(243, 112, 111) }
```

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

```
.border{ border-color:rgb(243, 112, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 112, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 112, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 112, 111);  
box-shadow:4px 4px 4px 4px rgb(243, 112,  
111) }
```

Background

The CSS property to change the background color of an element to RGB 243, 112, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 112, 111) }
```

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

```
.background{ background-color: rgb(243,  
112, 111) }
```

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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