

Converting Colors

`RYB(240, 144, 151)`

Have a look what the booklet for
RYB(240, 144, 151) contains.

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Color

$\text{RYB}(240, 144, 151)$

Conversions

Conversions Part 1

Format	Color
Hex	F09097
RGB	240, 144, 151
RGB Percent	94%, 56%, 59%
CMY	0.0588, 0.4353, 0.4078
CMYK	0.00, 0.40, 0.37, 0.06
HSL	356°, 76%, 75%
HSV	356°, 40%, 94%
XYZ	51.4944, 40.7061, 34.4212
YIQ	173.5020, 54.9690, 22.5290

Conversions

Conversions Part 2

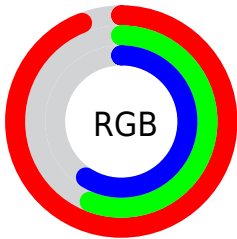
Format	Color
R _Y B	240, 144, 151
Decimal	15765655
CIE Lab	69.97, 37.05, 11.98
CIE LCh	70, 38.939, 17.917
Yxy	40.7061, 0.4067, 0.3215
Android (android.graphics.Color)	4293955735 (0xFFFF09097)
YUV	173.5020, -11.0935, 58.3187
Hunter-Lab	63.8014, 32.4157, 12.6737

Details

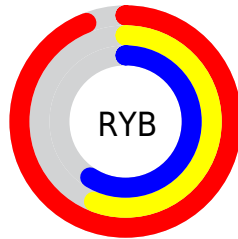
The RYB color **240, 144, 151** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **144, 194, 240**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **255, 199, 205**, and **181, 92, 100** is the 20% darker color. If you saturate the color by 10%, you get **240, 120, 129**, and if you desaturate by 10%, it is **240, 168, 173**.

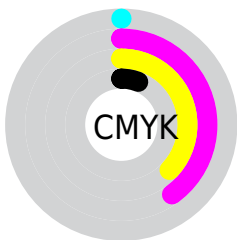
Distribution



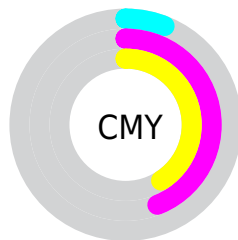
- Red (94%)
- Green (56%)
- Blue (59%)



- Red (94%)
- Yellow (56%)
- Blue (59%)



- Cyan (0%)
- Magenta (40%)
- Yellow (37%)
- Black (6%)





- Cyan (6%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the RYB color 240, 144, 151 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 240, 144, 151 by changing the saturation by 10% instead.


 240, 144, 151

 240, 144, 151

255, 255, 255

 210, 118, 125

 255, 199, 205


 181, 92, 100

 255, 227, 233

 153, 67, 76


 125, 41, 54


 97, 14, 33


 71, 0, 10

 48, 0, 2


 0, 0, 0


 240, 144, 151

 240, 144, 151

 240, 120, 129

 240, 168, 173

 240, 96, 107

 240, 192, 196

 240, 72, 84

 240, 216, 218

 240, 48, 62

 240, 240, 240

 240, 24, 40

 240, 248, 255

 240, 0, 18

Harmonies

Analogous

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



231, 145, 187



240, 144, 151



231, 165, 120

Triad

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



240, 144, 151



122, 184, 173



93, 147, 240

Complementary

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



240, 144, 151



144, 194, 240

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.



14, 108, 222



240, 144, 151



86, 148, 189

Square

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



240, 144, 151



102, 176, 105



24, 107, 192



154, 165, 238

Rectangle

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



240, 144, 151



216, 212, 106



24, 107, 192



70, 137, 236

Sweetspot

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



240, 144, 151



255, 224, 227



232, 144, 240



128, 110, 111



0, 0, 0



128, 128, 128

Same Dimension

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



240, 144, 151



255, 133, 142



240, 213, 144



120, 108, 109



184, 0, 13



56, 0, 4

Inverse Universe

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



240, 144, 151



255, 133, 142



144, 179, 240



120, 108, 109



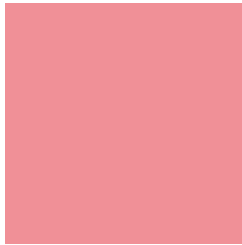
184, 0, 13



56, 0, 4

Previews

White Background



This preview shows how the RYB color 240, 144, 151 looks on a white background.

Color Contrast Check

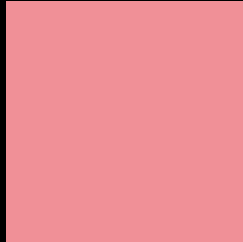
Large Text (above 18pt) WCAG AA × Fail

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 240, 144, 151 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 240, 144, 151 Background



This preview shows how black text looks on a background with the RYB color 240, 144, 151.



This preview shows how white text looks on a background with the RYB color 240, 144, 151.

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
240, 144, 151

Protanopia
174, 176, 165

Deuteranopia
197, 175, 147



Tritanopia
240, 143, 154

Trichromacy



Original Color

240, 144, 151



Protanomaly

199, 161, 160



Deuteranomaly

213, 158, 148



Tritanomaly

240, 143, 153

Monochromacy



Original Color

240, 144, 151



Achromatopsia

174, 174, 174



Achromatomaly

198, 163, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 144, 151 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(240, 144, 151) looks like.

```
.text, #text, p{  
    color:rgb(240, 144, 151)  
}
```

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(240, 144, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 144, 151) }
```

Border

The CSS property to change the border of an element to RYB 240, 144, 151 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(240, 144, 151) }
```

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

```
.border{ border-color:rgb(240, 144, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 144, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 144, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 144, 151);  
box-shadow:4px 4px 4px 4px rgb(240, 144,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 240, 144, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 144, 151) }
```

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

```
.background{ background-color: rgb(240,  
144, 151) }
```

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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