

Converting Colors

`RYB(240, 150, 152)`

Have a look what the booklet for
RYB(240, 150, 152) contains.

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Color

R_YB(240, 150, 152)

Conversions

Conversions Part 1

Format	Color
Hex	F09698
RGB	240, 150, 152
RGB Percent	94%, 59%, 60%
CMY	0.0588, 0.4118, 0.4039
CMYK	0.00, 0.37, 0.37, 0.06
HSL	359°, 75%, 76%
HSV	359°, 37%, 94%
XYZ	52.5090, 42.6050, 35.1618
YIQ	177.1380, 52.9980, 19.7020

Conversions

Conversions Part 2

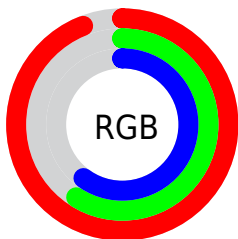
Format	Color
R _Y B	240, 150, 152
Decimal	15767192
CIE Lab	71.29, 34.04, 13.28
CIE LCh	71, 36.534, 21.312
Yxy	42.6050, 0.4031, 0.3270
Android (android.graphics.Color)	4293957272 (0xFFFF09698)
YUV	177.1380, -12.3930, 55.1300
Hunter-Lab	65.2725, 29.3691, 13.7516

Details

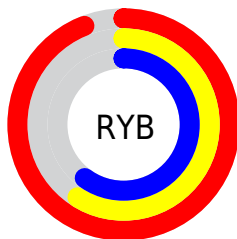
The RYB color **240, 150, 152** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **150, 196, 240**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **255, 205, 206**, and **182, 98, 101** is the 20% darker color. If you saturate the color by 10%, you get **240, 126, 129**, and if you desaturate by 10%, it is **240, 174, 175**.

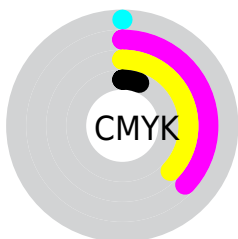
Distribution



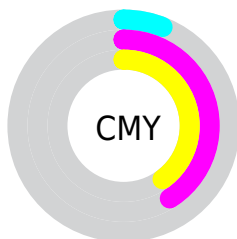
- Red (94%)
- Green (59%)
- Blue (60%)



- Red (94%)
- Yellow (59%)
- Blue (60%)



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




- Cyan (6%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 150, 152 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, 150, 152 by changing the saturation by 10% instead.

 240, 150, 152

 240, 150, 152

255, 255, 255

 210, 124, 126


 255, 205, 206


 182, 98, 101

 255, 234, 234

 153, 73, 77

 125, 48, 55

 98, 23, 33

 71, 0, 11

 48, 0, 1

 0, 0, 0

 240, 150, 152

 240, 150, 152

■ 240, 126, 129

■ 240, 174, 175

■ 240, 102, 105

■ 240, 198, 199

■ 240, 78, 82

■ 240, 222, 222

■ 240, 54, 58

■ 240, 243, 246

■ 240, 30, 35

■ 240, 248, 255

■ 240, 6, 11

■ 240, 0, 5

Harmonies

Analogous

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



233, 150, 186



240, 150, 152



230, 174, 124

Triad

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



240, 150, 152



132, 188, 186



111, 156, 240

Complementary

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



240, 150, 152



150, 196, 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.



59, 132, 226



240, 150, 152



92, 150, 192

Square

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



240, 150, 152



112, 180, 119



52, 123, 198



165, 169, 236

Rectangle

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



240, 150, 152



209, 215, 112



52, 123, 198



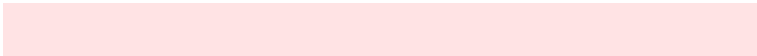
93, 149, 237

Sweetspot

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



240, 150, 152



255, 227, 228



237, 150, 240



128, 111, 111



0, 0, 0



128, 128, 128

Same Dimension

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



240, 150, 152



255, 140, 143



240, 229, 150



120, 108, 108



184, 0, 4



56, 0, 1

Inverse Universe

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



240, 150, 152



255, 140, 143



150, 181, 240



120, 108, 108



184, 0, 4



56, 0, 1

Previews

White Background



This preview shows how the RYB color 240, 150, 152 looks on a white background.

Color Contrast Check

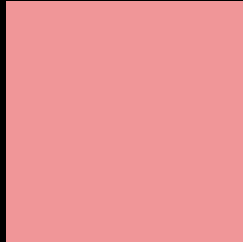
Large Text (above 18pt) WCAG AA × Fail

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, 150, 152 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, 150, 152 Background



This preview shows how black text looks on a background with the RYB color 240, 150, 152.



This preview shows how white text looks on a background with the RYB color 240, 150, 152.

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, 150, 152

Protanopia
177, 181, 165

Deuteranopia
201, 179, 149



Tritanopia
241, 149, 160

Trichromacy



Original Color

240, 150, 152



Protanomaly

202, 166, 160



Deuteranomaly

215, 163, 150



Tritanomaly

241, 149, 157

Monochromacy



Original Color

240, 150, 152



Achromatopsia

177, 177, 177



Achromatomaly

200, 167, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 150, 152 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, 150, 152) looks like.

```
.text, #text, p{  
    color:rgb(240, 150, 152)  
}
```

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, 150, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 150, 152) }
```

Border

The CSS property to change the border of an element to RYB 240, 150, 152 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, 150, 152) }
```

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

```
.border{ border-color:rgb(240, 150, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 150, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 150, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 150, 152);  
box-shadow:4px 4px 4px 4px rgb(240, 150,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 240, 150, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 150, 152) }
```

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

```
.background{ background-color: rgb(240,  
150, 152) }
```

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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