Converting Colors

RYB(240, 144, 144)

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

Color

RYB(240, 144, 144)

Conversions

Conversions Part 1

Format	Color
Hex	F09090
RGB	240, 144, 144
RGB Percent	94%, 56%, 56%
CMY	0.0588, 0.4353, 0.4353
CMYK	0.00, 0.40, 0.40, 0.06
HSL	0°, 76%, 75%
HSV	0°, 40%, 94%
XYZ	50.9425, 40.4854, 31.5151
YIQ	172.7040, 57.2160, 20.3520

Conversions

Conversions Part 2

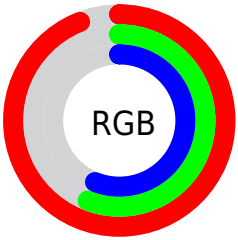
Format	Color
RYB	240, 144, 144
Decimal	15765648
CIELab	69.81, 36.26, 15.66
CIELCh	70, 39.497, 23.356
Yxy	40.4854, 0.4144, 0.3293
Android (android.graphics.Color)	4293955728 (0xFFF09090)
YUV	172.7040, -14.1511, 59.0186
Hunter-Lab	63.6281, 31.5629, 15.1733

Details

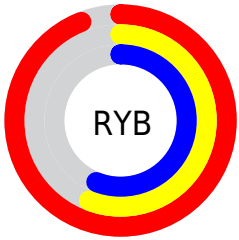
The RYB color 240, 144, 144 is a light color, and the websafe version is hex FF9999. A complement of this color would be 144, 192, 240, and the grayscale version is 173, 173, 173.

A 20% lighter version of the original color is 255, 199, 198, and 181, 92, 94 is the 20% darker color. If you saturate the color by 10%, you get 240, 120, 120, and if you desaturate by 10%, it is 240, 168, 168.

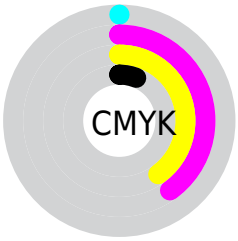
Distribution



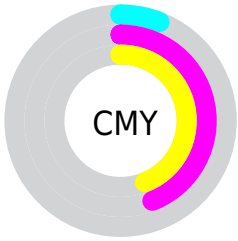
- Red (94%)
- Green (56%)
- Blue (56%)



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



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



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

Brightness & Saturation Gradients

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

240, 144, 144

255, 255, 255

255, 199, 198

255, 227, 226

254, 255, 254

240, 144, 144

210, 118, 118

181, 92, 94

152, 67, 70

124, 42, 48

97, 15, 27

70, 0, 0

47, 0, 2

0, 0, 0

240, 144, 144

240, 144, 144

240, 120, 120

240, 168, 168

240, 96, 96

240, 192, 192

240, 72, 72

240, 216, 216

240, 48, 48

240, 240, 240

240, 24, 24

240, 248, 255

240, 0, 0

Harmonies

Analogous

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

234, 143, 180

240, 144, 144

227, 174, 114

Triad

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

240, 144, 144

124, 182, 185

102, 151, 241

Complementary

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

240, 144, 144

144, 192, 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.

21, 112, 227

240, 144, 144

74, 139, 189

Square

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

240, 144, 144

103, 177, 115

0, 97, 198

163, 164, 236

Rectangle

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

240, 144, 144

191, 211, 102

0, 97, 198

79, 141, 239

Sweetspot

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

240, 144, 144

255, 224, 224

240, 144, 240

128, 110, 110

0, 0, 0

128, 128, 128

Same Dimension

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

240, 144, 144

255, 133, 133

240, 240, 144

120, 108, 108

184, 0, 0

56, 0, 0

Inverse Universe

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

144, 192, 240

133, 194, 255

144, 176, 240

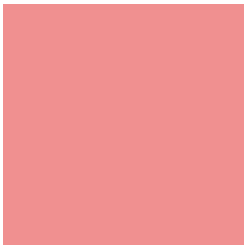
108, 114, 120

0, 92, 184

0, 28, 56

Previews

White Background

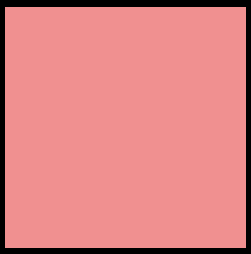


This preview shows how the RYB color 240, 144, 144 looks on a white background.

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



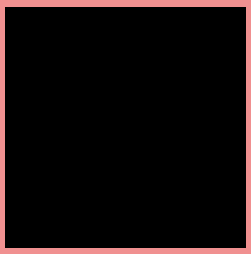
This preview shows how the RYB color 240, 144, 144 looks on a black background.

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.

RYB 240, 144, 144 Background



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

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

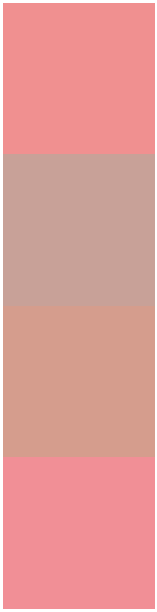
Original Color
240, 144, 144

Protanopia
168, 177, 157

Deuteranopia
198, 181, 140

Tritanopia
241, 143, 153

Trichromacy



Original Color
240, 144, 144

Protanomaly
200, 163, 152

Deuteranomaly
213, 162, 141

Tritanomaly
241, 143, 150

Monochromacy

Original Color
240, 144, 144

Achromatopsia
173, 173, 173

Achromatomaly
197, 162, 162

CSS Examples

Text

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

```
.text, #text, p{
    color:rgb(240, 144, 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(240, 144, 144) colored shadow looks like.

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

Border

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

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

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

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, 144) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to RYB 240, 144, 144 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, 144) }
```

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

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

Follow me on Twitter!

@ConvertingColor