

Converting Colors

`RYB(240, 159, 140)`

Have a look what the booklet for
RYB(240, 159, 140) contains.

RYB(240, 159, 140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(240, 159, 140)

Conversions

Conversions Part 1

Format	Color
Hex	F09C8C
RGB	240, 156, 140
RGB Percent	94%, 61%, 55%
CMY	0.0588, 0.3884, 0.4510
CMYK	0.00, 0.35, 0.42, 0.06
HSL	10°, 77%, 75%
HSV	10°, 42%, 94%
XYZ	52.5516, 44.1844, 30.5696
YIQ	179.2920, 55.2000, 12.8320

Conversions

Conversions Part 2

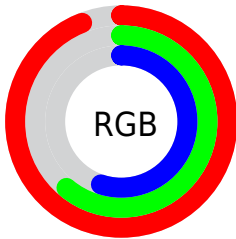
Format	Color
R _Y B	240, 159, 140
Decimal	15768716
CIE Lab	72.35, 29.55, 21.37
CIE LCh	72, 36.471, 35.870
Yxy	44.1844, 0.4128, 0.3471
Android (android.graphics.Color)	4293958796 (0xFFFF09C8C)
YUV	179.2920, -19.3710, 53.2409
Hunter-Lab	66.4713, 24.7957, 19.2630

Details

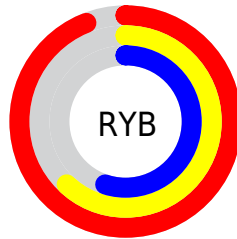
The RYB color **240, 159, 140** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **140, 186, 240**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **255, 218, 194**, and **181, 107, 90** is the 20% darker color. If you saturate the color by 10%, you get **240, 140, 116**, and if you desaturate by 10%, it is **240, 178, 164**.

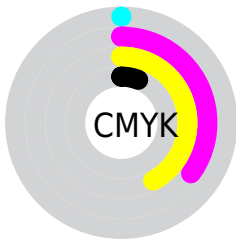
Distribution



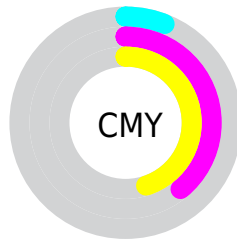
- Red (94%)
- Green (61%)
- Blue (55%)



- Red (94%)
- Yellow (62%)
- Blue (55%)



- Cyan (0%)
- Magenta (35%)
- Yellow (42%)
- Black (6%)





- Cyan (6%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the RYB color 240, 159, 140 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, 159, 140 by changing the saturation by 10% instead.


 240, 159, 140

 240, 159, 140

255, 255, 255

 210, 132, 114

 255, 218, 194

 181, 107, 90

 250, 255, 222

 153, 81, 66

 250, 255, 250


 125, 57, 44


 97, 32, 23

 71, 5, 0


 46, 0, 0


 0, 0, 0


 240, 159, 140


 240, 159, 140

 240, 140, 116

 240, 178, 164

 240, 121, 92

 240, 197, 188

 240, 100, 68

 240, 217, 212

 240, 81, 44

 240, 237, 236

 240, 62, 20

 240, 248, 255

 240, 45, 0

Harmonies

Analogous

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



242, 152, 172



240, 159, 140



222, 209, 117

Triad

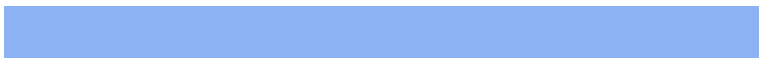
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240, 159, 140



117, 170, 193



141, 168, 243

Complementary

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



240, 159, 140



140, 186, 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.



86, 147, 237



240, 159, 140



75, 139, 196

Square

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



240, 159, 140



122, 187, 151



51, 127, 215



190, 166, 232

Rectangle

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



240, 159, 140



155, 204, 111



51, 127, 215



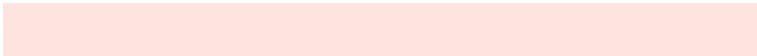
123, 163, 243

Sweetspot

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



240, 159, 140



255, 228, 222



240, 140, 225



128, 111, 107



0, 0, 0



128, 128, 128

Same Dimension

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



240, 159, 140



255, 152, 128



194, 240, 140



120, 110, 108



184, 34, 0



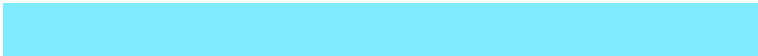
56, 11, 0

Inverse Universe

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



140, 186, 240



128, 186, 255



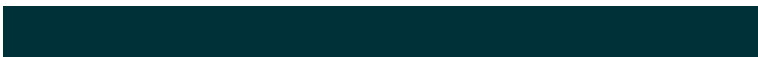
140, 166, 240



108, 113, 120



0, 84, 184



0, 26, 56

Previews

White Background



This preview shows how the RYB color 240, 159, 140 looks on a white background.

Color Contrast Check

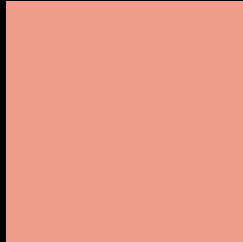
Large Text (above 18pt) WCAG AA × Fail

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, 159, 140 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, 159, 140 Background



This preview shows how black text looks on a background with the RYB color 240, 159, 140.

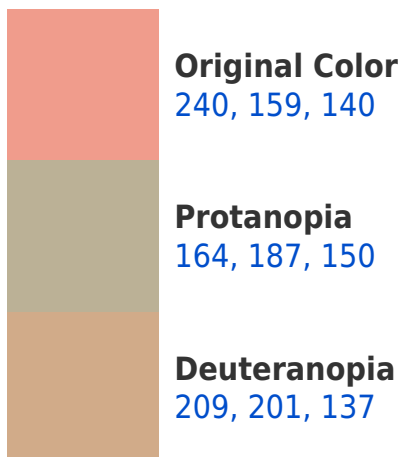



This preview shows how white text looks on a background with the RYB color 240, 159, 140.

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
242, 152, 164

Trichromacy



Original Color

240, 159, 140



Protanomaly

206, 183, 146



Deuteranomaly

220, 181, 138



Tritanomaly

241, 153, 155

Monochromacy



Original Color

240, 159, 140



Achromatopsia

179, 179, 179



Achromatomaly

201, 172, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 159, 140 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, 156, 140) looks like.

```
.text, #text, p{  
    color:rgb(240, 156, 140)  
}
```

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, 156, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 156, 140) }
```

Border

The CSS property to change the border of an element to RYB 240, 159, 140 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, 156, 140) }
```

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

```
.border{ border-color:rgb(240, 156, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 156, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 156, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 156, 140);  
box-shadow:4px 4px 4px 4px rgb(240, 156,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 240, 159, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 156, 140) }
```

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

```
.background{ background-color: rgb(240,  
156, 140) }
```

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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