

Converting Colors

`RYB(229, 153, 144)`

Have a look what the booklet for
RYB(229, 153, 144) contains.

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Color

R_YB(229, 153, 144)

Conversions

Conversions Part 1

Format	Color
Hex	E59890
RGB	229, 152, 144
RGB Percent	90%, 60%, 56%
CMY	0.1020, 0.4034, 0.4353
CMYK	0.00, 0.34, 0.37, 0.10
HSL	6°, 62%, 73%
HSV	6°, 37%, 90%
XYZ	48.5978, 41.1730, 31.7714
YIQ	174.1110, 48.4600, 13.8360

Conversions

Conversions Part 2

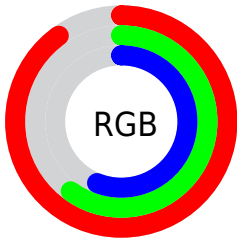
Format	Color
R _Y B	229, 153, 144
Decimal	15046800
CIE Lab	70.30, 27.85, 16.13
CIE LCh	70, 32.184, 30.085
Yxy	41.1730, 0.3998, 0.3388
Android (android.graphics.Color)	4293236880 (0xFFE59890)
YUV	174.1110, -14.8447, 48.1377
Hunter-Lab	64.1662, 22.9004, 15.5594

Details

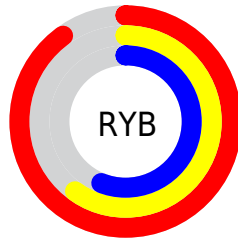
The RYB color **229, 153, 144** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **144, 184, 229**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **255, 209, 198**, and **171, 101, 94** is the 20% darker color. If you saturate the color by 10%, you get **229, 132, 121**, and if you desaturate by 10%, it is **229, 174, 167**.

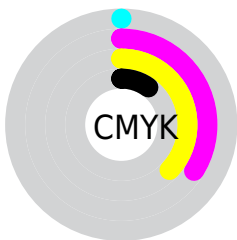
Distribution



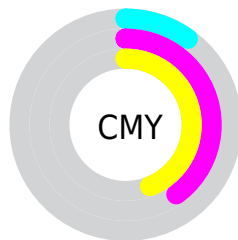
- Red (90%)
- Green (60%)
- Blue (56%)



- Red (90%)
- Yellow (60%)
- Blue (56%)



- Cyan (0%)
- Magenta (34%)
- Yellow (37%)
- Black (10%)




- Cyan (10%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the RYB color 229, 153, 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 229, 153, 144 by changing the saturation by 10% instead.


 229, 153, 144

 229, 153, 144

255, 255, 255

 200, 127, 118

 255, 209, 198

 171, 101, 94

 255, 239, 226

 143, 77, 70

254, 255, 254

 116, 52, 48

 89, 28, 27

 64, 4, 0

 41, 0, 1

 0, 0, 0

 229, 153, 144

 229, 153, 144

■ 229, 132, 121

■ 229, 174, 167

■ 229, 112, 98

■ 229, 194, 190

■ 229, 92, 75

■ 229, 214, 213

■ 229, 71, 52

■ 229, 232, 236

■ 229, 51, 30

■ 229, 242, 255

■ 229, 30, 7

■ 229, 24, 0

Harmonies

Analogous

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



227, 150, 173



229, 153, 144



216, 186, 122

Triad

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



229, 153, 144



127, 173, 185



133, 162, 230

Complementary

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



229, 153, 144



144, 184, 229

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.



91, 145, 222



229, 153, 144



93, 145, 188

Square

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



229, 153, 144



121, 179, 139



73, 133, 200



176, 164, 222

Rectangle

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



229, 153, 144



170, 201, 114



73, 133, 200



118, 157, 229

Sweetspot

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



229, 153, 144



255, 230, 227



229, 144, 222



128, 113, 111



0, 0, 0



128, 128, 128

Same Dimension

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



229, 153, 144



255, 152, 140



204, 229, 144



115, 104, 103



179, 19, 0



51, 6, 0

Inverse Universe

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



144, 184, 229



140, 195, 255



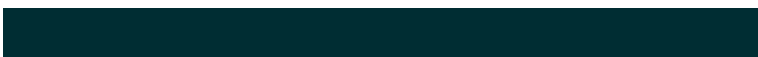
144, 169, 229



103, 109, 115



0, 85, 179



0, 24, 51

Previews

White Background



This preview shows how the RYB color 229, 153, 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 229, 153, 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 229, 153, 144 Background



This preview shows how black text looks on a background with the RYB color 229, 153, 144.

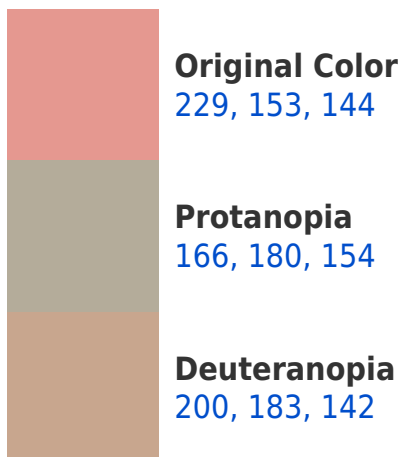


This preview shows how white text looks on a background with the RYB color 229, 153, 144.

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





Tritanopia
231, 150, 161

Trichromacy



Original Color
229, 153, 144

Protanomaly
198, 172, 150

Deuteranomaly
211, 167, 143

Tritanomaly
230, 151, 155

Monochromacy



Original Color
229, 153, 144

Achromatopsia
174, 174, 174

Achromatomaly
194, 166, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 153, 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(229, 152, 144)` looks like.

```
.text, #text, p{  
    color:rgb(229, 152, 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(229, 152, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 152, 144) }
```

Border

The CSS property to change the border of an element to RYB 229, 153, 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(229, 152, 144) }
```

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

```
.border{ border-color:rgb(229, 152, 144) }
```

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

Here you see how a box with a 4 pixel rgb(229, 152, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 152, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 152, 144);  
box-shadow:4px 4px 4px 4px rgb(229, 152,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 229, 153, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 152, 144) }
```

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

```
.background{ background-color: rgb(229,  
152, 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](#).

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