

Converting Colors

`RYB(224, 160, 163)`

Have a look what the booklet for
RYB(224, 160, 163) contains.

RYB(224, 160, 163)	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(224, 160, 163)

Conversions

Conversions Part 1

Format	Color
Hex	E0A0A3
RGB	224, 160, 163
RGB Percent	88%, 63%, 64%
CMY	0.1216, 0.3725, 0.3608
CMYK	0.00, 0.29, 0.27, 0.12
HSL	357°, 51%, 75%
HSV	357°, 29%, 88%
XYZ	49.9221, 43.6332, 40.4412
YIQ	179.4780, 37.1810, 14.5010

Conversions

Conversions Part 2

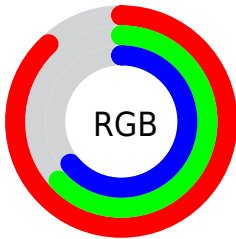
Format	Color
RYB	224, 160, 163
Decimal	14721187
CIELab	71.98, 24.18, 7.93
CIElCh	72, 25.449, 18.156
Yxy	43.6332, 0.3726, 0.3256
Android (android.graphics.Color)	4292911267 (0xFFE0A0A3)
YUV	179.4780, -8.1237, 39.0458
Hunter-Lab	66.0555, 19.3062, 9.9396

Details

The RYB color **224, 160, 163** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **160, 193, 224**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 215, 218**, and **167, 108, 111** is the 20% darker color. If you saturate the color by 10%, you get **224, 138, 142**, and if you desaturate by 10%, it is **224, 182, 184**.

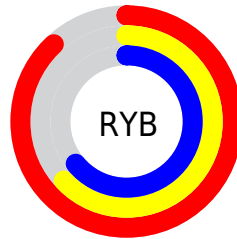
Distribution



Red (88%)

Green (63%)

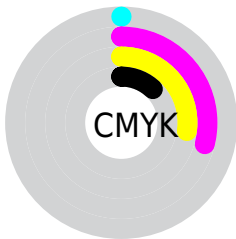
Blue (64%)



Red (88%)

Yellow (63%)

Blue (64%)

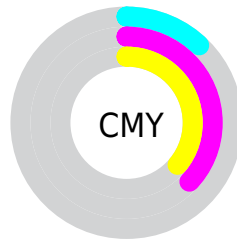


Cyan (0%)

Magenta (29%)

Yellow (27%)

Black (12%)



Cyan (12%)

Magenta (37%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 160, 163 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 224, 160, 163 by changing the saturation by 10% instead.

 224, 160, 163

 224, 160, 163

255, 255, 255

 195, 134, 137

 255, 215, 218

 167, 108, 111

 255, 244, 246

 140, 83, 87

 113, 59, 64

 88, 36, 42

 62, 14, 22

 41, 0, 0

 0, 0, 0

 224, 160, 163

 224, 160, 163

■ 224, 138, 142

■ 224, 182, 184

■ 224, 115, 120

■ 224, 205, 206

■ 224, 93, 99

■ 224, 226, 227

■ 224, 70, 78

■ 224, 238, 250

■ 224, 48, 56

■ 224, 240, 255

■ 224, 26, 35

■ 224, 3, 14

■ 224, 0, 11

Harmonies

Analogous

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



217, 161, 187



224, 160, 163



218, 172, 143

Triad

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



224, 160, 163



145, 185, 178



136, 165, 221

Complementary

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



224, 160, 163



160, 193, 224

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.



112, 154, 210



224, 160, 163



127, 165, 189

Square

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



224, 160, 163



132, 179, 132



110, 150, 190



168, 173, 220

Rectangle

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



224, 160, 163



208, 200, 134



110, 150, 190



126, 162, 219

Sweetspot

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



224, 160, 163



255, 232, 233



221, 160, 224



128, 113, 114



0, 0, 0



128, 128, 128

Same Dimension

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



224, 160, 163



255, 168, 172



224, 213, 160



112, 101, 102



176, 0, 8



48, 0, 2

Inverse Universe

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



224, 160, 163



255, 168, 172



160, 183, 224



112, 101, 102



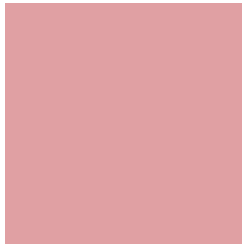
176, 0, 8



48, 0, 2

Previews

White Background



This preview shows how the RYB color 224, 160, 163 looks on a white background.

Color Contrast Check

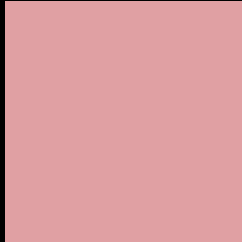
Large Text (above 18pt) WCAG AA × Fail

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 224, 160, 163 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 224, 160, 163 Background



This preview shows how black text looks on a background with the RYB color 224, 160, 163.



This preview shows how white text looks on a background with the RYB color 224, 160, 163.

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
224, 160, 163

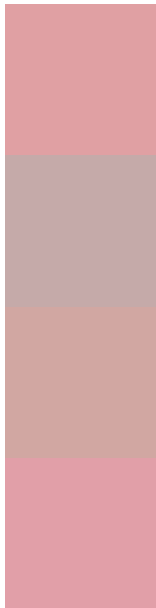
Protanopia
181, 179, 172

Deuteranopia
200, 174, 161



Tritanopia
225, 159, 171

Trichromacy



Original Color
224, 160, 163

Protanomaly
197, 170, 169

Deuteranomaly
209, 168, 162

Tritanomaly
225, 159, 168

Monochromacy



Original Color
224, 160, 163

Achromatopsia
179, 179, 179

Achromatomaly
195, 172, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 160, 163 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(224, 160, 163)` looks like.

```
.text, #text, p{  
    color:rgb(224, 160, 163)  
}
```

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(224, 160, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 160, 163) }
```

Border

The CSS property to change the border of an element to RYB 224, 160, 163 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(224, 160, 163) }
```

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

```
.border{ border-color:rgb(224, 160, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 160, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 160, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 160, 163);  
box-shadow:4px 4px 4px 4px rgb(224, 160,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 224, 160, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 160, 163) }
```

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

```
.background{ background-color: rgb(224,  
160, 163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor