

Converting Colors

`RYB(224, 162, 171)`

Have a look what the booklet for
RYB(224, 162, 171) contains.

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Color

R_YB(224, 162, 171)

Conversions

Conversions Part 1

Format	Color
Hex	E0A2AB
RGB	224, 162, 171
RGB Percent	88%, 64%, 67%
CMY	0.1216, 0.3647, 0.3294
CMYK	0.00, 0.28, 0.24, 0.12
HSL	351°, 50%, 76%
HSV	351°, 28%, 88%
XYZ	51.0115, 44.6282, 44.4536
YIQ	181.5640, 34.0630, 15.9430

Conversions

Conversions Part 2

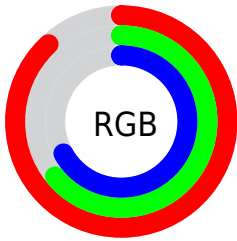
Format	Color
R _Y B	224, 162, 171
Decimal	14721707
CIE Lab	72.65, 24.23, 4.47
CIE LCh	73, 24.643, 10.448
Yxy	44.6282, 0.3641, 0.3186
Android (android.graphics.Color)	4292911787 (0xFFE0A2AB)
YUV	181.5640, -5.2081, 37.2164
Hunter-Lab	66.8044, 19.3941, 7.3097

Details

The RYB color **224, 162, 171** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **162, 195, 224**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 217, 226**, and **168, 110, 119** is the 20% darker color. If you saturate the color by 10%, you get **224, 140, 152**, and if you desaturate by 10%, it is **224, 184, 190**.

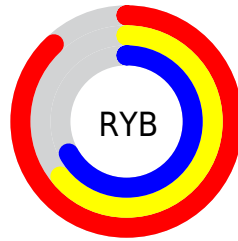
Distribution



Red (88%)

Green (64%)

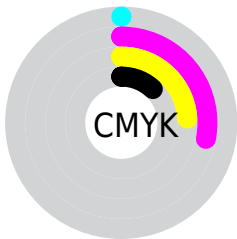
Blue (67%)



Red (88%)

Yellow (64%)

Blue (67%)

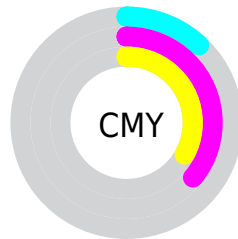


Cyan (0%)

Magenta (28%)

Yellow (24%)

Black (12%)



Cyan (12%)


Magenta (36%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 162, 171 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, 162, 171 by changing the saturation by 10% instead.

 224, 162, 171

 224, 162, 171

255, 255, 255

 195, 136, 145

 255, 217, 226

 168, 110, 119

 255, 246, 255

 140, 85, 94


 114, 61, 71


 88, 38, 48


 63, 16, 28

 43, 0, 0

 0, 0, 0

 224, 162, 171

 224, 162, 171

 224, 140, 152


 224, 184, 190

 224, 117, 133

 224, 207, 209

 224, 95, 114

 224, 227, 229

 224, 72, 94

 224, 239, 252

 224, 50, 75

 224, 240, 255

 224, 28, 56

 224, 5, 37

 224, 0, 33

Harmonies

Analogous

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



214, 164, 194



224, 162, 171



222, 169, 150

Triad

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



224, 162, 171



143, 186, 167



132, 165, 220

Complementary

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



224, 162, 171



162, 195, 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.



114, 156, 207



224, 162, 171



136, 172, 190

Square

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



224, 162, 171



143, 187, 134



117, 155, 191



162, 175, 222

Rectangle

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



224, 162, 171



214, 188, 140



117, 155, 191



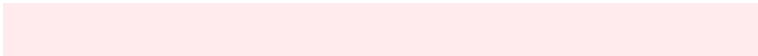
124, 162, 217

Sweetspot

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



224, 162, 171



255, 235, 238



215, 162, 224



128, 115, 117



0, 0, 0



128, 128, 128

Same Dimension

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



224, 162, 171



255, 171, 183



224, 196, 162



112, 101, 103



176, 0, 26



48, 0, 7

Inverse Universe

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



224, 162, 171



255, 171, 183



162, 186, 224



112, 101, 103



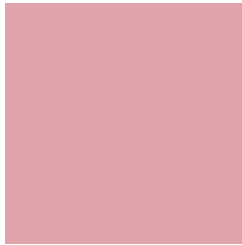
176, 0, 26



48, 0, 7

Previews

White Background



This preview shows how the RYB color 224, 162, 171 looks on a white background.

Color Contrast Check

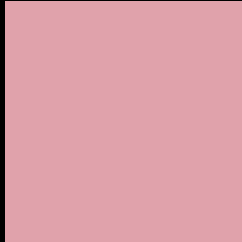
Large Text (above 18pt) WCAG AA × Fail

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, 162, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

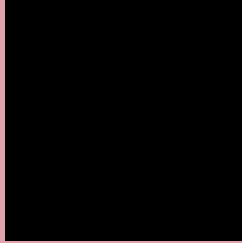
Any Text WCAG AA ✓ Pass

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, 162, 171 Background



This preview shows how black text looks on a background with the RYB color 224, 162, 171.

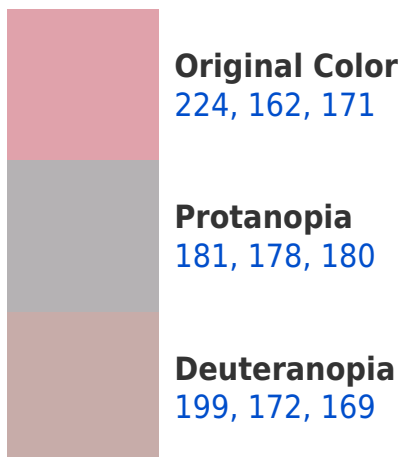



This preview shows how white text looks on a background with the RYB color 224, 162, 171.

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](#).

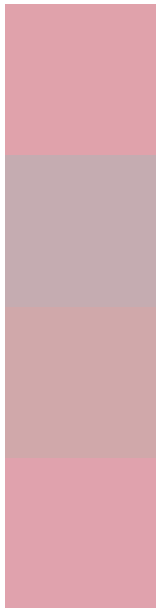
Dichromacy





Tritanopia
224, 162, 174

Trichromacy



Original Color

224, 162, 171

Protanomaly

197, 172, 177

Deuteranomaly

208, 168, 170

Tritanomaly

224, 162, 173

Monochromacy



Original Color

224, 162, 171

Achromatopsia

182, 182, 182

Achromatomaly

197, 175, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 162, 171 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, 162, 171) looks like.

```
.text, #text, p{  
    color:rgb(224, 162, 171)  
}
```

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, 162, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 162, 171) }
```

Border

The CSS property to change the border of an element to RYB 224, 162, 171 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, 162, 171) }
```

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

```
.border{ border-color:rgb(224, 162, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 162, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 162, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 162, 171);  
box-shadow:4px 4px 4px 4px rgb(224, 162,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 224, 162, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 162, 171) }
```

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

```
.background{ background-color: rgb(224,  
162, 171) }
```

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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