

Converting Colors

`RYB(224, 182, 207)`

Have a look what the booklet for
RYB(224, 182, 207) contains.

RYB(224, 182, 207)	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, 182, 207)

Conversions

Conversions Part 1

Format	Color
Hex	E0B6CF
RGB	224, 182, 207
RGB Percent	88%, 71%, 81%
CMY	0.1216, 0.2863, 0.1882
CMYK	0.00, 0.19, 0.08, 0.12
HSL	324°, 40%, 80%
HSV	324°, 19%, 88%
XYZ	58.7309, 53.8082, 66.3220
YIQ	197.4080, 17.0070, 16.6790

Conversions

Conversions Part 2

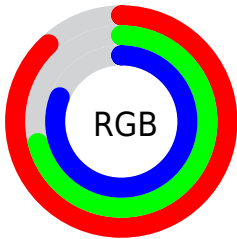
Format	Color
R_{YB}	224, 182, 207
Decimal	14726863
CIE Lab	78.35, 19.19, -6.86
CIE LCh	78, 20.383, 340.320
Yxy	53.8082, 0.3284, 0.3008
Android (android.graphics.Color)	4292916943 (0xFFE0B6CF)
YUV	197.4080, 4.7289, 23.3212
Hunter-Lab	73.3541, 14.5464, -2.2584

Details

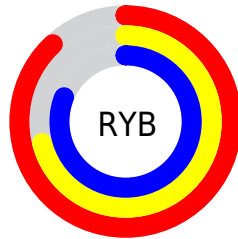
The RYB color **224, 182, 207** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **182, 212, 224**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **255, 238, 255**, and **168, 129, 153** is the 20% darker color. If you saturate the color by 10%, you get **224, 160, 198**, and if you desaturate by 10%, it is **224, 204, 216**.

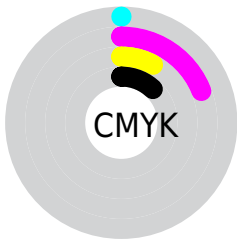
Distribution



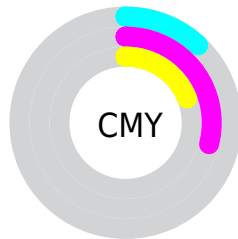
- Red (88%)
- Green (71%)
- Blue (81%)



- Red (88%)
- Yellow (71%)
- Blue (81%)



- Cyan (0%)
- Magenta (19%)
- Yellow (8%)
- Black (12%)



- Cyan (12%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 182, 207 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, 182, 207 by changing the saturation by 10% instead.

 224, 182, 207


255, 255, 255

 255, 238, 255


 224, 182, 207

 196, 155, 179

 168, 129, 153

 142, 104, 127

 116, 79, 102

 91, 56, 78

 67, 34, 55


 44, 13, 34

 22, 0, 10


 0, 0, 0

 224, 182, 207

 224, 182, 207

 224, 160, 198


 224, 204, 216

 224, 137, 189


 224, 226, 227

 224, 115, 180

 224, 242, 249

 224, 92, 171


 224, 243, 255

 224, 70, 162


 224, 240, 255

 224, 48, 153

 224, 240, 255

 224, 25, 144

 224, 3, 134

 224, 0, 133

Harmonies

Analogous

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



205, 187, 223



224, 182, 207



233, 181, 188

Triad

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



224, 182, 207



165, 202, 157



144, 177, 218

Complementary

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



224, 182, 207



182, 212, 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.



145, 176, 205



224, 182, 207



165, 200, 185

Square

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



224, 182, 207



220, 214, 159



160, 190, 204



157, 184, 229

Rectangle

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



224, 182, 207



233, 183, 176



160, 190, 204



143, 175, 212

Sweetspot

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



224, 182, 207



255, 240, 249



199, 182, 224



128, 119, 124



0, 0, 0



128, 128, 128

Same Dimension

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



224, 182, 207



255, 196, 231



224, 182, 186



112, 101, 108



176, 0, 105



48, 0, 29

Inverse Universe

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



224, 182, 207



255, 196, 231



182, 204, 224



112, 101, 108



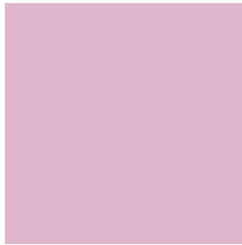
176, 0, 105



48, 0, 29

Previews

White Background



This preview shows how the RYB color 224, 182, 207 looks on a white background.

Color Contrast Check

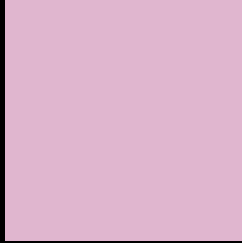
Large Text (above 18pt) WCAG AA × Fail

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, 182, 207 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, 182, 207 Background



This preview shows how black text looks on a background with the RYB color 224, 182, 207.

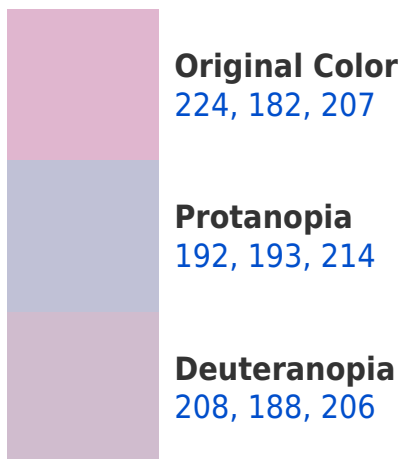



This preview shows how white text looks on a background with the RYB color 224, 182, 207.

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
223, 184, 198

Trichromacy



Original Color
224, 182, 207

Protanomaly
204, 189, 211

Deuteranomaly
214, 186, 206

Tritanomaly
223, 183, 201

Monochromacy



Original Color
224, 182, 207

Achromatopsia
197, 197, 197

Achromatomaly
207, 192, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 182, 207 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, 182, 207) looks like.

```
.text, #text, p{  
    color:rgb(224, 182, 207)  
}
```

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, 182, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 182, 207) }
```

Border

The CSS property to change the border of an element to RYB 224, 182, 207 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, 182, 207) }
```

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

```
.border{ border-color:rgb(224, 182, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 182, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 182, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 182, 207); box-shadow:4px 4px 4px 4px rgb(224, 182, 207) }
```

Background

The CSS property to change the background color of an element to RYB 224, 182, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 182, 207) }
```

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

```
.background{ background-color: rgb(224,  
182, 207) }
```

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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