

Converting Colors

`RYB(224, 152, 214)`

Have a look what the booklet for
RYB(224, 152, 214) contains.

RYB(224, 152, 214)	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, 152, 214)

Conversions

Conversions Part 1

Format	Color
Hex	E098D6
RGB	224, 152, 214
RGB Percent	88%, 60%, 84%
CMY	0.1216, 0.4039, 0.1608
CMYK	0.00, 0.32, 0.04, 0.12
HSL	308°, 54%, 74%
HSV	308°, 32%, 88%
XYZ	54.1063, 43.1588, 69.0971
YIQ	180.5960, 23.0100, 34.5460

Conversions

Conversions Part 2

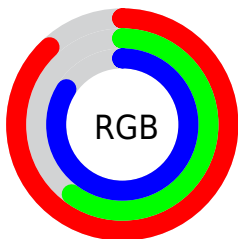
Format	Color
R _Y B	224, 152, 214
Decimal	14719190
CIE Lab	71.66, 36.53, -20.73
CIE LCh	72, 42.001, 330.431
Yxy	43.1588, 0.3252, 0.2594
Android (android.graphics.Color)	4292909270 (0xFFE098D6)
YUV	180.5960, 16.4682, 38.0653
Hunter-Lab	65.6954, 32.0446, -16.3733

Details

The RYB color **224, 152, 214** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **152, 215, 224**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 207, 255**, and **168, 100, 159** is the 20% darker color. If you saturate the color by 10%, you get **224, 130, 211**, and if you desaturate by 10%, it is **224, 174, 217**.

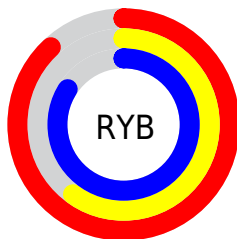
Distribution



Red (88%)

Green (60%)

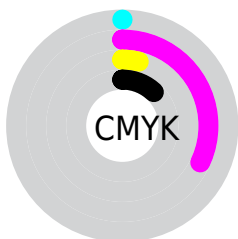
Blue (84%)



Red (88%)

Yellow (60%)

Blue (84%)

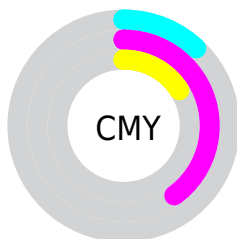


Cyan (0%)

Magenta (32%)

Yellow (4%)

Black (12%)



Cyan (12%)


Magenta (40%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 152, 214 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, 152, 214 by changing the saturation by 10% instead.


 224, 152, 214


255, 255, 255


 255, 207, 255


 255, 236, 255

 224, 152, 214

 196, 125, 186

 168, 100, 159

 141, 75, 133

 114, 50, 108


 88, 25, 83


 64, 0, 60


 42, 0, 38

 0, 0, 15

 0, 0, 0

 224, 152, 214

 224, 152, 214

 224, 130, 211


 224, 174, 217

 224, 107, 208

 224, 197, 220

 224, 85, 205


 224, 219, 223

 224, 62, 202

 224, 240, 242

 224, 40, 198

 224, 250, 255

 224, 18, 195

 224, 248, 255

 224, 0, 193

 224, 246, 255

 224, 245, 255

 224, 244, 255

Harmonies

Analogous

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



180, 165, 242



224, 152, 214



247, 145, 177

Triad

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



224, 152, 214



133, 199, 98



0, 102, 213

Complementary

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



224, 152, 214



152, 215, 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.



52, 130, 196



224, 152, 214



108, 185, 133

Square

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



224, 152, 214



230, 196, 110



113, 174, 192



26, 119, 241

Rectangle

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



224, 152, 214



250, 146, 151



113, 174, 192



0, 99, 201

Sweetspot

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



224, 152, 214



255, 230, 251



162, 152, 224



128, 112, 125



0, 0, 0



128, 128, 128

Same Dimension

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



224, 152, 214



255, 156, 241



224, 152, 178



112, 101, 111



176, 0, 152



48, 0, 42

Inverse Universe

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



224, 152, 214



255, 156, 241



152, 196, 224



112, 101, 111



176, 0, 152



48, 0, 42

Previews

White Background



This preview shows how the RYB color 224, 152, 214 looks on a white background.

Color Contrast Check

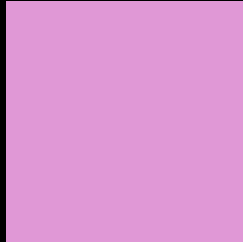
Large Text (above 18pt) WCAG AA × Fail

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, 152, 214 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](#).

RYP 224, 152, 214 Background



This preview shows how black text looks on a background with the RYP color 224, 152, 214.

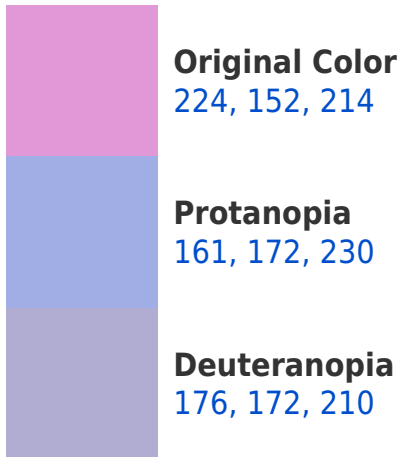



This preview shows how white text looks on a background with the RYP color 224, 152, 214.

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
219, 160, 172

Trichromacy



Original Color

224, 152, 214



Protanomaly

184, 166, 224



Deuteranomaly

193, 165, 211



Tritanomaly

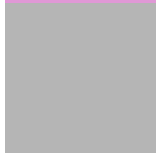
221, 157, 187

Monochromacy



Original Color

224, 152, 214



Achromatopsia

181, 181, 181



Achromatomaly

197, 170, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 152, 214 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, 152, 214)` looks like.

```
.text, #text, p{  
    color:rgb(224, 152, 214)  
}
```

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, 152, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 152, 214) }
```

Border

The CSS property to change the border of an element to RYB 224, 152, 214 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, 152, 214) }
```

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

```
.border{ border-color:rgb(224, 152, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 152, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 152, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 152, 214);  
box-shadow:4px 4px 4px 4px rgb(224, 152,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 224, 152, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 152, 214) }
```

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

```
.background{ background-color: rgb(224,  
152, 214) }
```

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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