

Converting Colors

`RYB(226, 172, 211)`

Have a look what the booklet for
RYB(226, 172, 211) contains.

RYB(226, 172, 211)	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

RYB(226, 172, 211)

Conversions

Conversions Part 1

Format	Color
Hex	E2ACD3
RGB	226, 172, 211
RGB Percent	89%, 67%, 83%
CMY	0.1137, 0.3255, 0.1725
CMYK	0.00, 0.24, 0.07, 0.11
HSL	317°, 48%, 78%
HSV	317°, 24%, 89%
XYZ	57.8744, 50.3769, 68.3014
YIQ	192.5920, 19.6650, 23.5770

Conversions

Conversions Part 2

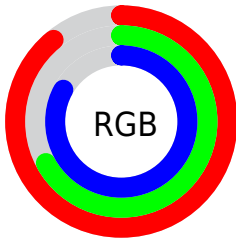
Format	Color
R_{YB}	226, 172, 211
Decimal	14855379
CIE _{Lab}	76.30, 25.95, -12.07
CIE _{LCh}	76, 28.616, 335.056
Yxy	50.3769, 0.3278, 0.2853
Android (android.graphics.Color)	4293045459 (0xFFE2ACD3)
YUV	192.5920, 9.0751, 29.2988
Hunter-Lab	70.9767, 21.3397, -7.3715

Details

The RYB color **226, 172, 211** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **172, 214, 226**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 228, 255**, and **170, 119, 156** is the 20% darker color. If you saturate the color by 10%, you get **226, 149, 205**, and if you desaturate by 10%, it is **226, 195, 217**.

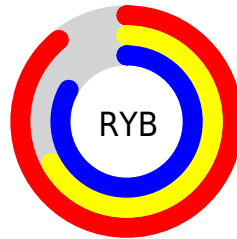
Distribution



Red (89%)

Green (67%)

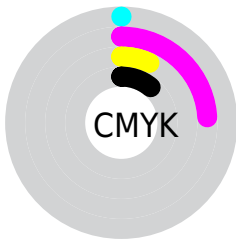
Blue (83%)



Red (89%)

Yellow (67%)

Blue (83%)

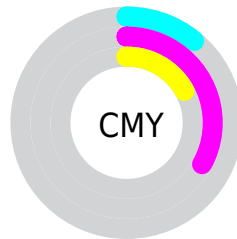


Cyan (0%)

Magenta (24%)

Yellow (7%)

Black (11%)



Cyan (11%)

Magenta (33%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 172, 211 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 226, 172, 211 by changing the saturation by 10% instead.


 226, 172, 211


255, 255, 255

 255, 228, 255

 226, 172, 211

 198, 145, 183

 170, 119, 156


 143, 94, 130

 117, 70, 105

 92, 46, 81

 67, 24, 58

 44, 1, 36

 18, 0, 14

 0, 0, 0

 226, 172, 211

 226, 172, 211

 226, 149, 205

 226, 195, 217

 226, 127, 198

 226, 217, 224

 226, 104, 192

 226, 237, 240

 226, 82, 186


 226, 248, 255

 226, 59, 180

 226, 245, 255

 226, 36, 173

 226, 242, 255

 226, 14, 167

 226, 241, 255

 226, 0, 163

Harmonies

Analogous

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



198, 180, 231



226, 172, 211



240, 169, 185

Triad

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



226, 172, 211



154, 203, 135



109, 159, 218

Complementary

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



226, 172, 211



172, 214, 226

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.



118, 163, 203



226, 172, 211



144, 196, 166

Square

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



226, 172, 211



226, 210, 141



144, 186, 201



126, 169, 235

Rectangle

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



226, 172, 211



242, 170, 167



144, 186, 201



109, 158, 210

Sweetspot

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



226, 172, 211



255, 237, 250



186, 172, 226



128, 117, 125



0, 0, 0



128, 128, 128

Same Dimension

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



226, 172, 211



255, 181, 234



226, 172, 185



112, 101, 109



176, 0, 127



48, 0, 35

Inverse Universe

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



226, 172, 211



255, 181, 234



172, 203, 226



112, 101, 109



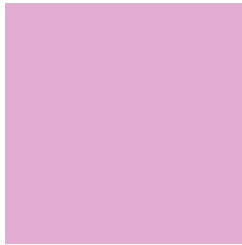
176, 0, 127



48, 0, 35

Previews

White Background



This preview shows how the RYB color 226, 172, 211 looks on a white background.

Color Contrast Check

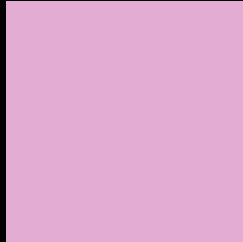
Large Text (above 18pt) WCAG AA × Fail

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 226, 172, 211 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 226, 172, 211 Background



This preview shows how black text looks on a background with the RYB color 226, 172, 211.

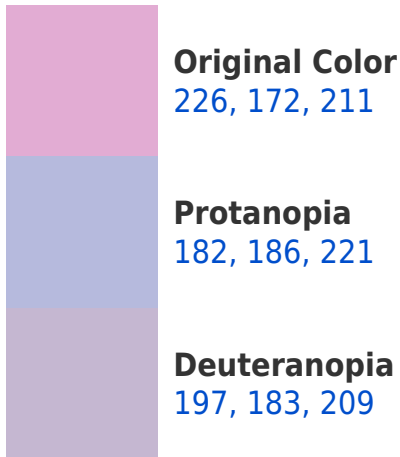



This preview shows how white text looks on a background with the RYB color 226, 172, 211.

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, 176, 189

Trichromacy



Original Color
226, 172, 211

Protanomaly
198, 182, 217

Deuteranomaly
208, 179, 210

Tritanomaly
224, 175, 197

Monochromacy



Original Color
226, 172, 211

Achromatopsia
193, 193, 193

Achromatomaly
205, 185, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 172, 211 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(226, 172, 211)` looks like.

```
.text, #text, p{  
    color:rgb(226, 172, 211)  
}
```

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(226, 172, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 172, 211) }
```

Border

The CSS property to change the border of an element to RYB 226, 172, 211 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(226, 172, 211) }
```

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

```
.border{ border-color:rgb(226, 172, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 172, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 172, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 172, 211);  
box-shadow:4px 4px 4px 4px rgb(226, 172,  
211) }
```

Background

The CSS property to change the background color of an element to RYB 226, 172, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 172, 211) }
```

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

```
.background{ background-color: rgb(226,  
172, 211) }
```

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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