

Converting Colors

`RYB(223, 172, 225)`

Have a look what the booklet for
RYB(223, 172, 225) contains.

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Color

R_YB(223, 172, 225)

Conversions

Conversions Part 1

Format	Color
Hex	DFACE1
RGB	223, 172, 225
RGB Percent	87%, 67%, 88%
CMY	0.1255, 0.3255, 0.1176
CMYK	0.01, 0.24, 0.00, 0.12
HSL	298°, 47%, 78%
HSV	298°, 24%, 88%
XYZ	58.7746, 50.6293, 77.9088
YIQ	193.2910, 13.3830, 27.2950

Conversions

Conversions Part 2

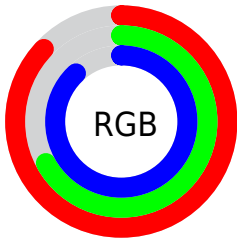
Format	Color
R_{YB}	223, 172, 225
Decimal	14658785
CIE Lab	76.45, 27.47, -19.48
CIE LCh	76, 33.676, 324.656
Yxy	50.6293, 0.3138, 0.2703
Android (android.graphics.Color)	4292848865 (0xFFDFACE1)
YUV	193.2910, 15.6325, 26.0548
Hunter-Lab	71.1542, 22.9240, -15.1104

Details

The RYB color **223, 172, 225** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **172, 225, 223**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 228, 255**, and **167, 119, 170** is the 20% darker color. If you saturate the color by 10%, you get **222, 150, 225**, and if you desaturate by 10%, it is **224, 195, 225**.

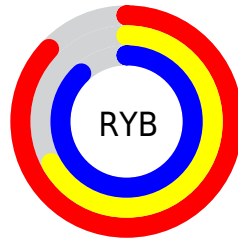
Distribution



Red (87%)

Green (67%)

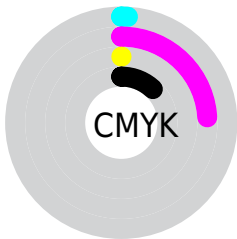
Blue (88%)



Red (87%)

Yellow (67%)

Blue (88%)

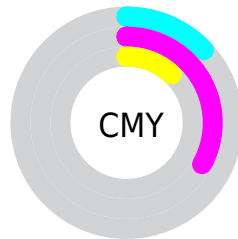


Cyan (1%)

Magenta (24%)

Yellow (0%)

Black (12%)



Cyan (13%)

Magenta (33%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 223, 172, 225 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 223, 172, 225 by changing the saturation by 10% instead.


 223, 172, 225


255, 255, 255

 255, 228, 255

 223, 172, 225

 195, 145, 197

 167, 119, 170

 140, 94, 143

 114, 70, 117

 89, 46, 93

 65, 24, 69


 42, 1, 46

 16, 0, 26


 0, 0, 0

 223, 172, 225


 223, 172, 225

 222, 150, 225


 224, 195, 225

 221, 127, 225

 225, 217, 225

 220, 105, 225


 225, 240, 239

 220, 82, 225

 225, 255, 254

 219, 60, 225

 225, 255, 253

 218, 37, 225

 225, 255, 252

 217, 15, 225

 225, 255, 251

 217, 0, 225

 225, 255, 250

 225, 255, 249

Harmonies

Analogous

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



185, 183, 245



223, 172, 225



246, 166, 195

Triad

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



223, 172, 225



173, 215, 127



87, 148, 213

Complementary

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



223, 172, 225



172, 225, 223

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, 165, 205



223, 172, 225



131, 195, 142

Square

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



223, 172, 225



239, 193, 139



148, 198, 202



97, 157, 238

Rectangle

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



223, 172, 225



251, 166, 174



148, 198, 202



92, 150, 206

Sweetspot

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



223, 172, 225



254, 237, 255



172, 175, 225



127, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



223, 172, 225



252, 184, 255



225, 172, 201



112, 101, 112



169, 0, 176



47, 0, 48

Inverse Universe

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



225, 172, 174



255, 184, 186



172, 208, 225



112, 101, 101



176, 0, 7



48, 0, 2

Previews

White Background



This preview shows how the RYB color 223, 172, 225 looks on a white background.

Color Contrast Check

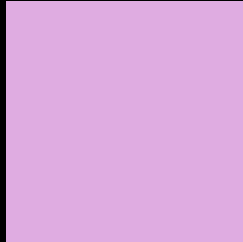
Large Text (above 18pt) WCAG AA × Fail

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 223, 172, 225 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 223, 172, 225 Background



This preview shows how black text looks on a background with the RYB color 223, 172, 225.



This preview shows how white text looks on a background with the RYB color 223, 172, 225.

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
223, 172, 225

Protanopia
177, 186, 235

Deuteranopia
191, 184, 223



Tritanopia
218, 178, 192

Trichromacy



Original Color

223, 172, 225



Protanomaly

194, 182, 231



Deuteranomaly

203, 180, 224



Tritanomaly

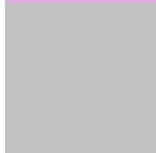
220, 176, 204

Monochromacy



Original Color

223, 172, 225



Achromatopsia

193, 193, 193



Achromatomaly

204, 185, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 223, 172, 225 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(223, 172, 225) looks like.

```
.text, #text, p{  
    color:rgb(223, 172, 225)  
}
```

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(223, 172, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 172, 225) }
```

Border

The CSS property to change the border of an element to RYB 223, 172, 225 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(223, 172, 225) }
```

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

```
.border{ border-color:rgb(223, 172, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 172, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 172, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 172, 225);  
box-shadow:4px 4px 4px 4px rgb(223, 172,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 223, 172, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 172, 225) }
```

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

```
.background{ background-color: rgb(223,  
172, 225) }
```

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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