

Converting Colors

`RYB(223, 155, 186)`

Have a look what the booklet for
RYB(223, 155, 186) contains.

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Color

R_YB(223, 155, 186)

Conversions

Conversions Part 1

Format	Color
Hex	DF9BBA
RGB	223, 155, 186
RGB Percent	87%, 61%, 73%
CMY	0.1255, 0.3922, 0.2706
CMYK	0.00, 0.30, 0.17, 0.13
HSL	333°, 52%, 74%
HSV	333°, 30%, 87%
XYZ	51.0157, 42.6758, 52.0028
YIQ	178.8660, 30.5770, 24.0570

Conversions

Conversions Part 2

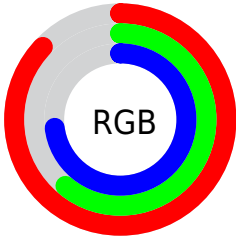
Format	Color
R_{YB}	223, 155, 186
Decimal	14654394
CIE _{Lab}	71.33, 29.90, -5.76
CIE _{LCh}	71, 30.450, 349.102
Yxy	42.6758, 0.3502, 0.2929
Android (android.graphics.Color)	4292844474 (0xFFDF9BBA)
YUV	178.8660, 3.5171, 38.7055
Hunter-Lab	65.3267, 25.0744, -1.4686

Details

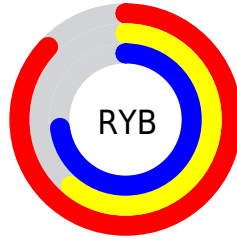
The RYB color **223, 155, 186** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **155, 199, 223**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **255, 210, 242**, and **167, 103, 133** is the 20% darker color. If you saturate the color by 10%, you get **223, 133, 174**, and if you desaturate by 10%, it is **223, 177, 198**.

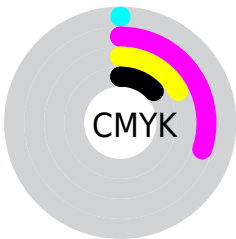
Distribution



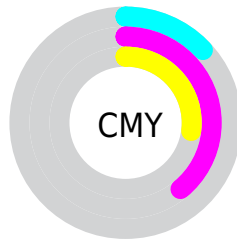
- Red (87%)
- Green (61%)
- Blue (73%)



- Red (87%)
- Yellow (61%)
- Blue (73%)



- Cyan (0%)
- Magenta (30%)
- Yellow (17%)
- Black (13%)



- Cyan (13%)
- Magenta (39%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 223, 155, 186 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, 155, 186 by changing the saturation by 10% instead.

 223, 155, 186

 223, 155, 186


255, 255, 255

 195, 129, 159


 255, 210, 242

 167, 103, 133

 255, 239, 255

 140, 78, 108

 113, 54, 83

 88, 30, 60

 63, 5, 39

 42, 0, 18

 0, 0, 0

 223, 155, 186

 223, 155, 186

■ 223, 133, 174

■ 223, 177, 198

■ 223, 110, 162

■ 223, 200, 210

■ 223, 88, 150

■ 223, 222, 222

■ 223, 66, 137

■ 223, 236, 244

■ 223, 43, 125

■ 223, 241, 255

■ 223, 21, 113

■ 223, 239, 255

■ 223, 0, 102

Harmonies

Analogous

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



200, 162, 211



223, 155, 186



230, 155, 158

Triad

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



223, 155, 186



122, 179, 125



91, 145, 216

Complementary

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



223, 155, 186



155, 199, 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.



88, 139, 192



223, 155, 186



138, 185, 179

Square

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



223, 155, 186



178, 203, 120



112, 158, 189



124, 161, 229

Rectangle

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



223, 155, 186



227, 162, 141



112, 158, 189



86, 142, 209

Sweetspot

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



223, 155, 186



255, 232, 243



191, 155, 223



128, 113, 120



0, 0, 0



128, 128, 128

Same Dimension

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



223, 155, 186



255, 161, 204



223, 157, 155



112, 101, 106



176, 0, 80



48, 0, 22

Inverse Universe

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



223, 155, 186



255, 161, 204



155, 188, 223



112, 101, 106



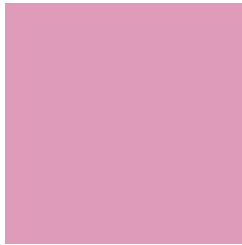
176, 0, 80



48, 0, 22

Previews

White Background



This preview shows how the RYB color 223, 155, 186 looks on a white background.

Color Contrast Check

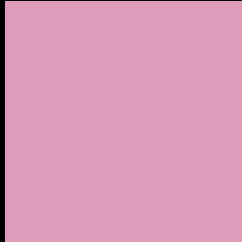
Large Text (above 18pt) WCAG AA × Fail

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, 155, 186 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, 155, 186 Background



This preview shows how black text looks on a background with the RYB color 223, 155, 186.

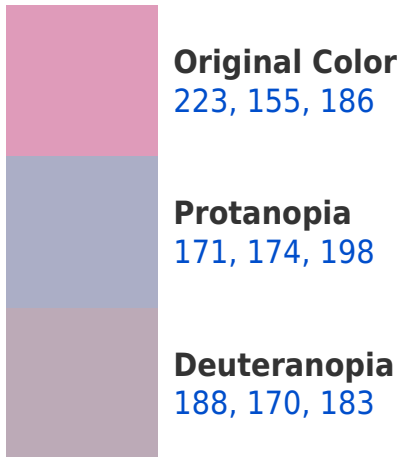



This preview shows how white text looks on a background with the RYB color 223, 155, 186.

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
221, 158, 170

Trichromacy



Original Color
223, 155, 186

Protanomaly
190, 167, 194

Deuteranomaly
201, 165, 184

Tritanomaly
222, 157, 176

Monochromacy



Original Color
223, 155, 186

Achromatopsia
179, 179, 179

Achromatomaly
195, 170, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 223, 155, 186 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, 155, 186)` looks like.

```
.text, #text, p{  
    color:rgb(223, 155, 186)  
}
```

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, 155, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 155, 186) }
```

Border

The CSS property to change the border of an element to RYB 223, 155, 186 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, 155, 186) }
```

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

```
.border{ border-color:rgb(223, 155, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 155, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 155, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 155, 186);  
box-shadow:4px 4px 4px 4px rgb(223, 155,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 223, 155, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 155, 186) }
```

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

```
.background{ background-color: rgb(223,  
155, 186) }
```

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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