

Converting Colors

`RYB(202, 155, 204)`

Have a look what the booklet for
RYB(202, 155, 204) contains.

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Color

R_YB(202, 155, 204)

Conversions

Conversions Part 1

Format	Color
Hex	CA9BCC
RGB	202, 155, 204
RGB Percent	79%, 61%, 80%
CMY	0.2078, 0.3922, 0.2000
CMYK	0.01, 0.24, 0.00, 0.20
HSL	298°, 32%, 70%
HSV	298°, 24%, 80%
XYZ	46.9775, 40.3589, 62.4408
YIQ	174.6390, 12.2830, 25.2030

Conversions

Conversions Part 2

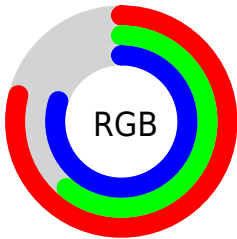
Format	Color
R _{YB}	202, 155, 204
Decimal	13278156
CIE Lab	69.72, 25.82, -18.36
CIE LCh	70, 31.686, 324.585
Yxy	40.3589, 0.3136, 0.2695
Android (android.graphics.Color)	4291468236 (0xFFCA9BCC)
YUV	174.6390, 14.4750, 23.9956
Hunter-Lab	63.5286, 20.8204, -13.8047

Details

The RYB color **202, 155, 204** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **155, 204, 202**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **255, 210, 255**, and **147, 103, 150** is the 20% darker color. If you saturate the color by 10%, you get **201, 135, 204**, and if you desaturate by 10%, it is **203, 175, 204**.

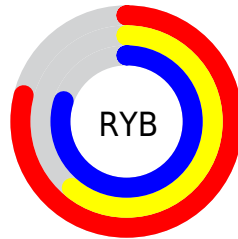
Distribution



Red (79%)

Green (61%)

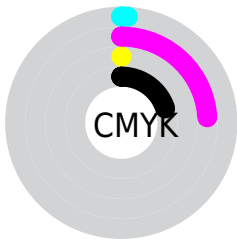
Blue (80%)



Red (79%)

Yellow (61%)

Blue (80%)

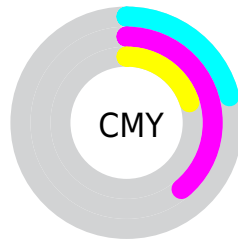


Cyan (1%)

Magenta (24%)

Yellow (0%)

Black (20%)



Cyan (21%)

Magenta (39%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 155, 204 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 202, 155, 204 by changing the saturation by 10% instead.


 202, 155, 204

 202, 155, 204


255, 255, 255

 174, 129, 176


 255, 210, 255

 147, 103, 150

 255, 238, 255

 121, 79, 124

 96, 55, 99

 71, 33, 75

 48, 10, 52


 30, 0, 31

 0, 0, 2


 0, 0, 0

 202, 155, 204


 202, 155, 204

 201, 135, 204

 203, 175, 204

 200, 114, 204


 204, 196, 204

 200, 94, 204

 204, 216, 216

 199, 73, 204


 204, 237, 236

 198, 53, 204

 204, 255, 253

 197, 33, 204

 204, 255, 252

 196, 12, 204

 204, 255, 251

 196, 0, 204

 204, 255, 250

Harmonies

Analogous

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



167, 165, 222



202, 155, 204



223, 149, 177

Triad

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



202, 155, 204



156, 195, 113



75, 132, 193

Complementary

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



202, 155, 204



155, 204, 202

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.



99, 149, 186



202, 155, 204



117, 176, 127

Square

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



202, 155, 204



217, 174, 125



133, 179, 182



85, 141, 216

Rectangle

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



202, 155, 204



228, 149, 157



133, 179, 182



81, 134, 186

Sweetspot

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



202, 155, 204



254, 237, 255



155, 157, 204



127, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



202, 155, 204



252, 181, 255



204, 155, 182



102, 92, 102



159, 0, 166



37, 0, 38

Inverse Universe

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



204, 155, 157



255, 181, 184



155, 189, 204



102, 92, 92



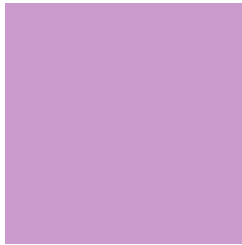
166, 0, 7



38, 0, 2

Previews

White Background



This preview shows how the RYB color 202, 155, 204 looks on a white background.

Color Contrast Check

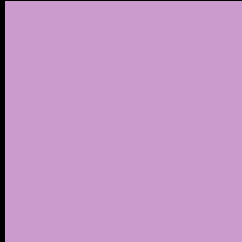
Large Text (above 18pt) WCAG AA × Fail

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 202, 155, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

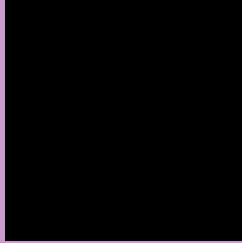
Any Text WCAG AA ✓ Pass

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 202, 155, 204 Background



This preview shows how black text looks on a background with the RYB color 202, 155, 204.

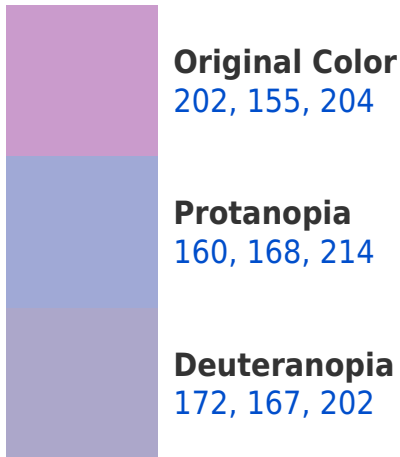



This preview shows how white text looks on a background with the RYB color 202, 155, 204.

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
198, 161, 173

Trichromacy



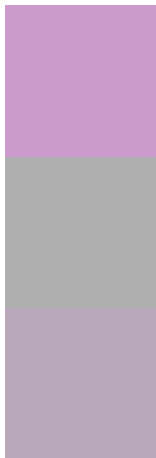
Original Color
202, 155, 204

Protanomaly
175, 164, 210

Deuteranomaly
183, 163, 203

Tritanomaly
199, 159, 184

Monochromacy



Original Color
202, 155, 204

Achromatopsia
175, 175, 175

Achromatomaly
185, 168, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 155, 204 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(202, 155, 204)` looks like.

```
.text, #text, p{  
    color:rgb(202, 155, 204)  
}
```

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(202, 155, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 155, 204) }
```

Border

The CSS property to change the border of an element to RYB 202, 155, 204 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(202, 155, 204) }
```

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

```
.border{ border-color:rgb(202, 155, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 155, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 155, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 155, 204);  
box-shadow:4px 4px 4px 4px rgb(202, 155,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 202, 155, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 155, 204) }
```

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

```
.background{ background-color: rgb(202,  
155, 204) }
```

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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