

Converting Colors

`RYB(204, 154, 183)`

Have a look what the booklet for RYB(204, 154, 183) contains.

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Color

R_YB(204, 154, 183)

Conversions

Conversions Part 1

Format	Color
Hex	CC9AB7
RGB	204, 154, 183
RGB Percent	80%, 60%, 72%
CMY	0.2000, 0.3961, 0.2824
CMYK	0.00, 0.25, 0.10, 0.20
HSL	325°, 33%, 70%
HSV	325°, 25%, 80%
XYZ	45.0047, 39.3675, 50.0264
YIQ	172.2560, 20.4910, 19.6190

Conversions

Conversions Part 2

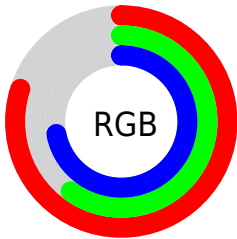
Format	Color
R_{YB}	204, 154, 183
Decimal	13408951
CIE _{Lab}	69.02, 23.26, -7.75
CIE _{LCh}	69, 24.517, 341.579
Yxy	39.3675, 0.3349, 0.2929
Android (android.graphics.Color)	4291599031 (0xFFCC9AB7)
YUV	172.2560, 5.2968, 27.8395
Hunter-Lab	62.7435, 18.2334, -3.3524

Details

The RYB color **204, 154, 183** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **154, 189, 204**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **255, 209, 239**, and **149, 102, 130** is the 20% darker color. If you saturate the color by 10%, you get **204, 134, 174**, and if you desaturate by 10%, it is **204, 174, 192**.

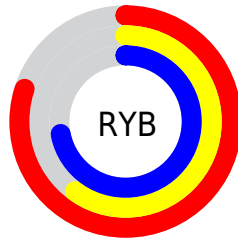
Distribution



Red (80%)

Green (60%)

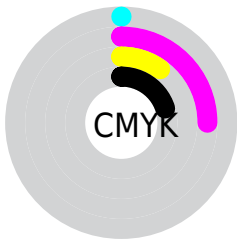
Blue (72%)



Red (80%)

Yellow (60%)

Blue (72%)

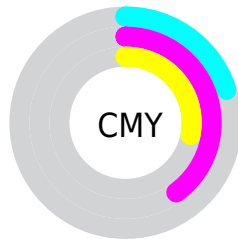


Cyan (0%)

Magenta (25%)

Yellow (10%)

Black (20%)



Cyan (20%)


Magenta (40%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 154, 183 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 204, 154, 183 by changing the saturation by 10% instead.

 204, 154, 183

255, 255, 255

 255, 209, 239

 255, 237, 255

 204, 154, 183

 176, 128, 156

 149, 102, 130

 123, 78, 105

 97, 55, 81

 73, 32, 58


 49, 10, 36

 30, 0, 15

 0, 0, 0

 204, 154, 183


 204, 154, 183

 204, 134, 174


 204, 174, 192

 204, 113, 166


 204, 195, 200

 204, 93, 157

 204, 212, 215

 204, 72, 149


 204, 227, 236

 204, 52, 140

 204, 240, 255

 204, 32, 132

 204, 236, 255

 204, 11, 123

 204, 233, 255

 204, 0, 118

 204, 230, 255

 204, 230, 255

Harmonies

Analogous

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



183, 160, 202



204, 154, 183



213, 152, 160

Triad

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



204, 154, 183



132, 176, 125



105, 146, 197

Complementary

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



204, 154, 183



154, 189, 204

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.



107, 145, 181



204, 154, 183



135, 176, 160

Square

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



204, 154, 183



197, 197, 127



126, 162, 180



123, 156, 210

Rectangle

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



204, 154, 183



213, 155, 146



126, 162, 180



103, 144, 191

Sweetspot

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



204, 154, 183



255, 237, 248



175, 154, 204



128, 117, 123



0, 0, 0



128, 128, 128

Same Dimension

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



204, 154, 183



255, 181, 224



204, 154, 158



102, 92, 98



166, 0, 96



38, 0, 22

Inverse Universe

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



204, 154, 183



255, 181, 224



154, 180, 204



102, 92, 98



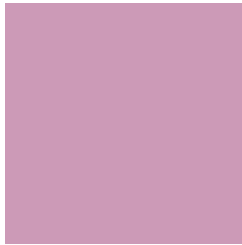
166, 0, 96



38, 0, 22

Previews

White Background



This preview shows how the RYB color 204, 154, 183 looks on a white background.

Color Contrast Check

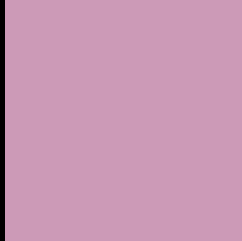
Large Text (above 18pt) WCAG AA × Fail

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 204, 154, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

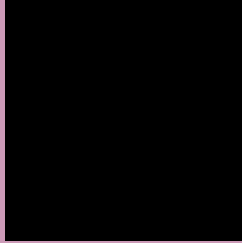
Any Text WCAG AA ✓ Pass

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 204, 154, 183 Background



This preview shows how black text looks on a background with the RYB color 204, 154, 183.



This preview shows how white text looks on a background with the RYB color 204, 154, 183.

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
204, 154, 183

Protanopia
165, 167, 191

Deuteranopia
179, 164, 181



Tritanopia
202, 156, 169

Trichromacy



Original Color
204, 154, 183

Protanomaly
179, 162, 188

Deuteranomaly
188, 160, 182

Tritanomaly
203, 155, 174

Monochromacy



Original Color
204, 154, 183

Achromatopsia
172, 172, 172

Achromatomaly
184, 165, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 154, 183 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(204, 154, 183) looks like.

```
.text, #text, p{  
    color:rgb(204, 154, 183)  
}
```

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(204, 154, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 154, 183) }
```

Border

The CSS property to change the border of an element to RYB 204, 154, 183 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(204, 154, 183) }
```

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

```
.border{ border-color:rgb(204, 154, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 154, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 154, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 154, 183);  
box-shadow:4px 4px 4px 4px rgb(204, 154,  
183) }
```

Background

The CSS property to change the background color of an element to RGB 204, 154, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 154, 183) }
```

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

```
.background{ background-color: rgb(204,  
154, 183) }
```

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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