

Converting Colors

`RYB(196, 151, 178)`

Have a look what the booklet for RYB(196, 151, 178) contains.

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Color

R_YB(196, 151, 178)

Conversions

Conversions Part 1

Format	Color
Hex	C497B2
RGB	196, 151, 178
RGB Percent	77%, 59%, 70%
CMY	0.2314, 0.4078, 0.3020
CMYK	0.00, 0.23, 0.09, 0.23
HSL	324°, 28%, 68%
HSV	324°, 23%, 77%
XYZ	41.8674, 37.0833, 47.0706
YIQ	167.5330, 18.1530, 17.9370

Conversions

Conversions Part 2

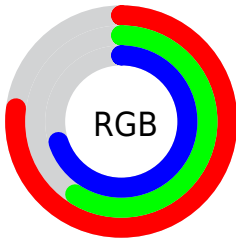
Format	Color
R_{YB}	196, 151, 178
Decimal	12883890
CIE _{Lab}	67.34, 21.21, -7.54
CIE _{LCh}	67, 22.514, 340.441
Yxy	37.0833, 0.3322, 0.2943
Android (android.graphics.Color)	4291073970 (0xFFC497B2)
YUV	167.5330, 5.1602, 24.9656
Hunter-Lab	60.8961, 16.1547, -3.2019

Details

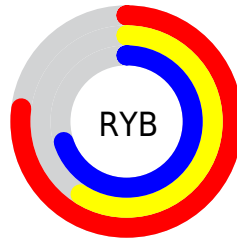
The RYB color **196, 151, 178** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **151, 183, 196**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **253, 205, 234**, and **142, 100, 125** is the 20% darker color. If you saturate the color by 10%, you get **196, 131, 170**, and if you desaturate by 10%, it is **196, 171, 186**.

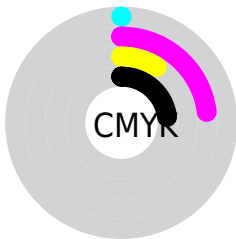
Distribution



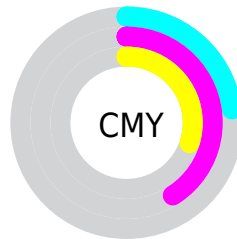
- Red (77%)
- Green (59%)
- Blue (70%)



- Red (77%)
- Yellow (59%)
- Blue (70%)



- Cyan (0%)
- Magenta (23%)
- Yellow (9%)
- Black (23%)



- Cyan (23%)
- Magenta (41%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 151, 178 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 196, 151, 178 by changing the saturation by 10% instead.

 196, 151, 178


255, 255, 255


 253, 205, 234


 255, 234, 255

 196, 151, 178

 169, 125, 151

 142, 100, 125

 116, 75, 100

 91, 52, 77

 67, 30, 54

 43, 8, 32

 19, 0, 8

 0, 0, 0

 196, 151, 178

 196, 151, 178

196, 131, 170

196, 171, 186

196, 112, 162

196, 190, 194

196, 92, 154

196, 206, 210

196, 73, 147

196, 220, 229

196, 53, 139

196, 234, 249

196, 33, 131

196, 236, 255

196, 14, 123

196, 232, 255

196, 0, 118

196, 229, 255

196, 227, 255

Harmonies

Analogous

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



176, 156, 195



196, 151, 178



205, 149, 157

Triad

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



196, 151, 178



132, 172, 124



107, 144, 190

Complementary

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



196, 151, 178



151, 183, 196

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.



110, 144, 176



196, 151, 178



133, 171, 155

Square

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



196, 151, 178



191, 189, 126



126, 158, 174



123, 152, 202

Rectangle

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



196, 151, 178



205, 152, 144



126, 158, 174



106, 143, 184

Sweetspot

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



196, 151, 178



255, 237, 248



169, 151, 196



128, 117, 123



0, 0, 0



128, 128, 128

Same Dimension

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



196, 151, 178



255, 184, 226



196, 151, 156



97, 87, 93



161, 0, 96



33, 0, 20

Inverse Universe

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



196, 151, 178



255, 184, 226



151, 175, 196



97, 87, 93



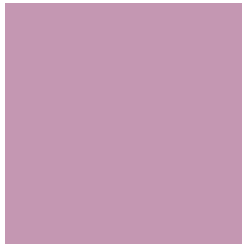
161, 0, 96



33, 0, 20

Previews

White Background



This preview shows how the RYB color 196, 151, 178 looks on a white background.

Color Contrast Check

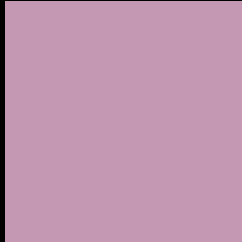
Large Text (above 18pt) WCAG AA × Fail

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 196, 151, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

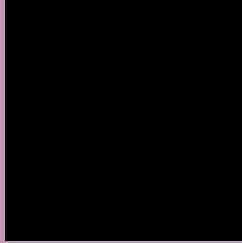
Any Text WCAG AA ✓ Pass

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 196, 151, 178 Background



This preview shows how black text looks on a background with the RYB color 196, 151, 178.



This preview shows how white text looks on a background with the RYB color 196, 151, 178.

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
196, 151, 178

Protanopia
161, 163, 186

Deuteranopia
175, 160, 176



Tritanopia
194, 153, 165

Trichromacy



Original Color
196, 151, 178

Protanomaly
174, 159, 183

Deuteranomaly
183, 157, 177

Tritanomaly
195, 152, 170

Monochromacy



Original Color
196, 151, 178

Achromatopsia
168, 168, 168

Achromatomaly
178, 162, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 151, 178 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(196, 151, 178)` looks like.

```
.text, #text, p{  
    color:rgb(196, 151, 178)  
}
```

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(196, 151, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 151, 178) }
```

Border

The CSS property to change the border of an element to RYB 196, 151, 178 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(196, 151, 178) }
```

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

```
.border{ border-color:rgb(196, 151, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 151, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 151, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 151, 178);  
box-shadow:4px 4px 4px 4px rgb(196, 151,  
178) }
```

Background

The CSS property to change the background color of an element to RYB 196, 151, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 151, 178) }
```

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

```
.background{ background-color: rgb(196,  
151, 178) }
```

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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