

Converting Colors

`RYB(195, 147, 196)`

Have a look what the booklet for
RYB(195, 147, 196) contains.

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Color

R_YB(195, 147, 196)

Conversions

Conversions Part 1

Format	Color
Hex	C393C4
RGB	195, 147, 196
RGB Percent	76%, 58%, 77%
CMY	0.2353, 0.4235, 0.2314
CMYK	0.01, 0.25, 0.00, 0.23
HSL	299°, 29%, 67%
HSV	299°, 25%, 77%
XYZ	42.9032, 36.4551, 56.9998
YIQ	166.9380, 12.8790, 25.4150

Conversions

Conversions Part 2

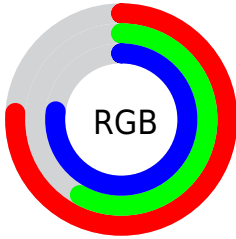
Format	Color
RYB	195, 147, 196
Decimal	12817348
CIELab	66.87, 26.37, -18.32
CIELCh	67, 32.104, 325.214
Yxy	36.4551, 0.3146, 0.2673
Android (android.graphics.Color)	4291007428 (0xFFC393C4)
YUV	166.9380, 14.3276, 24.6104
Hunter-Lab	60.3780, 21.1763, -13.7081

Details

The RYB color **195, 147, 196** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **147, 196, 195**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **252, 201, 253**, and **141, 96, 142** is the 20% darker color. If you saturate the color by 10%, you get **195, 127, 196**, and if you desaturate by 10%, it is **195, 167, 196**.

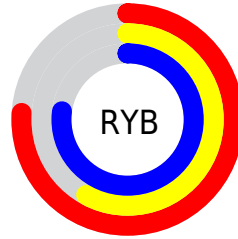
Distribution



Red (76%)

Green (58%)

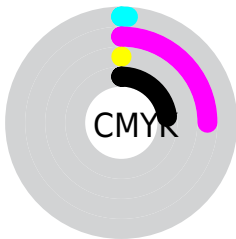
Blue (77%)



Red (76%)

Yellow (58%)

Blue (77%)

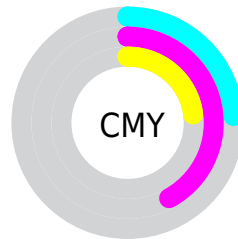


Cyan (1%)

Magenta (25%)

Yellow (0%)

Black (23%)



Cyan (24%)

Magenta (42%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 147, 196 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 195, 147, 196 by changing the saturation by 10% instead.


 195, 147, 196


255, 255, 255

 252, 201, 253

 255, 230, 255

 195, 147, 196

 167, 121, 169

 141, 96, 142

 115, 71, 117

 90, 48, 92

 65, 26, 68

 42, 3, 46

 17, 0, 25


 0, 0, 0

 195, 147, 196

 195, 147, 196

 195, 127, 196


 195, 167, 196

 194, 108, 196

 196, 186, 196

 194, 88, 196


 196, 206, 206

 193, 69, 196


 196, 225, 224

 193, 49, 196

 196, 245, 244

 193, 29, 196

 196, 255, 254

 192, 10, 196

 196, 255, 253

 192, 0, 196

 196, 255, 252

Harmonies

Analogous

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



160, 157, 215



195, 147, 196



215, 141, 169

Triad

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



195, 147, 196



148, 187, 105



63, 122, 186

Complementary

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



195, 147, 196



147, 196, 195

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.



89, 139, 178



195, 147, 196



110, 168, 121

Square

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



195, 147, 196



209, 167, 116



124, 170, 175



75, 132, 209

Rectangle

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



195, 147, 196



220, 141, 149



124, 170, 175



69, 124, 178

Sweetspot

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



195, 147, 196



255, 235, 255



147, 149, 196



127, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



195, 147, 196



253, 179, 255



196, 147, 173



97, 87, 97



157, 0, 161



32, 0, 33

Inverse Universe

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



196, 147, 148



255, 179, 180



147, 180, 196



97, 87, 87



161, 0, 3



33, 0, 1

Previews

White Background



This preview shows how the RYB color 195, 147, 196 looks on a white background.

Color Contrast Check

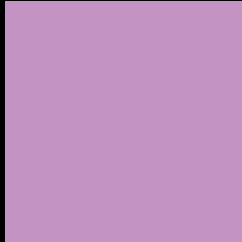
Large Text (above 18pt) WCAG AA × Fail

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 195, 147, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

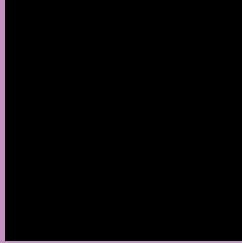
Any Text WCAG AA ✓ Pass

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 195, 147, 196 Background



This preview shows how black text looks on a background with the RYB color 195, 147, 196.



This preview shows how white text looks on a background with the RYB color 195, 147, 196.

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
195, 147, 196

Protanopia
152, 160, 206

Deuteranopia
164, 159, 194



Tritanopia
191, 153, 165

Trichromacy



Original Color
195, 147, 196

Protanomaly
168, 156, 202

Deuteranomaly
175, 155, 195

Tritanomaly
192, 151, 176

Monochromacy



Original Color
195, 147, 196

Achromatopsia
167, 167, 167

Achromatomaly
177, 160, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 147, 196 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(195, 147, 196) looks like.

```
.text, #text, p{  
    color:rgb(195, 147, 196)  
}
```

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(195, 147, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 147, 196) }
```

Border

The CSS property to change the border of an element to RYB 195, 147, 196 is called "border". The border property can be set on classes, ids or directly on the HTML element.

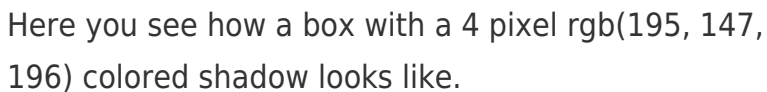
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 147, 196) }
```

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

```
.border{ border-color:rgb(195, 147, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 147, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 147, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 147, 196); box-shadow:4px 4px 4px 4px rgb(195, 147, 196) }
```

Background

The CSS property to change the background color of an element to RYB 195, 147, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 147, 196) }
```

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

```
.background{ background-color: rgb(195,  
147, 196) }
```

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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