

Converting Colors

`RYB(195, 156, 167)`

Have a look what the booklet for RYB(195, 156, 167) contains.

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Color

R_YB(195, 156, 167)

Conversions

Conversions Part 1

Format	Color
Hex	C39CA7
RGB	195, 156, 167
RGB Percent	76%, 61%, 65%
CMY	0.2353, 0.3882, 0.3451
CMYK	0.00, 0.20, 0.14, 0.24
HSL	343°, 25%, 69%
HSV	343°, 20%, 76%
XYZ	41.3692, 38.1691, 41.7462
YIQ	168.9150, 19.7130, 11.6890

Conversions

Conversions Part 2

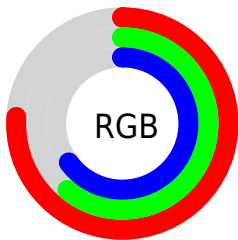
Format	Color
RYB	195, 156, 167
Decimal	12819623
CIELab	68.15, 16.23, -0.22
CIELCh	68, 16.229, 359.235
Yxy	38.1691, 0.3411, 0.3147
Android (android.graphics.Color)	4291009703 (0xFFC39CA7)
YUV	168.9150, -0.9441, 22.8765
Hunter-Lab	61.7811, 11.4083, 3.1839

Details

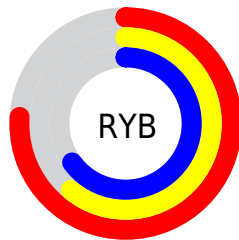
The RYB color **195, 156, 167** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **156, 179, 195**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **252, 211, 222**, and **141, 105, 115** is the 20% darker color. If you saturate the color by 10%, you get **195, 137, 153**, and if you desaturate by 10%, it is **195, 176, 181**.

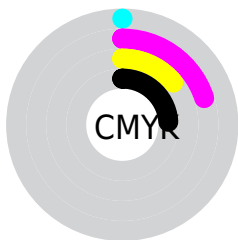
Distribution



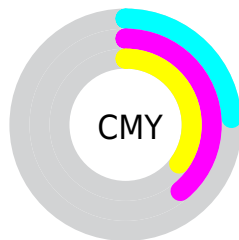
- Red (76%)
- Green (61%)
- Blue (65%)



- Red (76%)
- Yellow (61%)
- Blue (65%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (24%)



- Cyan (24%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 156, 167 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, 156, 167 by changing the saturation by 10% instead.


 195, 156, 167


255, 255, 255


 252, 211, 222

 255, 239, 251

 195, 156, 167

 168, 130, 141

 141, 105, 115

 115, 80, 91

 90, 57, 67

 66, 35, 45

 43, 14, 25

 19, 0, 0


 0, 0, 0

 195, 156, 167

 195, 156, 167

 195, 137, 153


 195, 176, 181

 195, 117, 139

 195, 195, 195

 195, 98, 125

 195, 207, 215

 195, 78, 111

 195, 218, 234

 195, 59, 97

 195, 229, 254

 195, 39, 83

 195, 226, 255

 195, 20, 69

 195, 225, 255

 195, 0, 55

Harmonies

Analogous

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



185, 158, 181



195, 156, 167



197, 158, 152

Triad

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



195, 156, 167



140, 170, 148



134, 157, 191

Complementary

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



195, 156, 167



156, 179, 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.



127, 152, 180



195, 156, 167



145, 168, 173

Square

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



195, 156, 167



156, 178, 137



132, 156, 175



149, 162, 195

Rectangle

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



195, 156, 167



193, 166, 144



132, 156, 175



130, 155, 188

Sweetspot

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



195, 156, 167



252, 237, 242



184, 156, 195



128, 119, 121



0, 0, 0



128, 128, 128

Same Dimension

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



195, 156, 167



252, 192, 209



195, 166, 156



97, 87, 90



161, 0, 45



33, 0, 9

Inverse Universe

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



195, 156, 167



252, 192, 209



156, 173, 195



97, 87, 90



161, 0, 45



33, 0, 9

Previews

White Background



This preview shows how the RYB color 195, 156, 167 looks on a white background.

Color Contrast Check

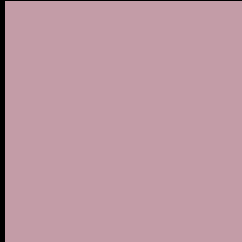
Large Text (above 18pt) WCAG AA × Fail

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, 156, 167 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, 156, 167 Background



This preview shows how black text looks on a background with the RYB color 195, 156, 167.



This preview shows how white text looks on a background with the RYB color 195, 156, 167.

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, 156, 167

Protanopia
167, 165, 172

Deuteranopia
182, 161, 166



Tritanopia
195, 156, 168

Trichromacy



Original Color

195, 156, 167

Protanomaly

177, 162, 170

Deuteranomaly

187, 159, 166

Tritanomaly

195, 156, 168

Monochromacy



Original Color

195, 156, 167

Achromatopsia

169, 169, 169

Achromatomaly

178, 164, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 156, 167 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, 156, 167) looks like.

```
.text, #text, p{  
    color:rgb(195, 156, 167)  
}
```

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, 156, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 156, 167) }
```

Border

The CSS property to change the border of an element to RYB 195, 156, 167 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, 156, 167) }
```

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

```
.border{ border-color:rgb(195, 156, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 156, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 156, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 156, 167);  
box-shadow:4px 4px 4px 4px rgb(195, 156,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 195, 156, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 156, 167) }
```

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

```
.background{ background-color: rgb(195,  
156, 167) }
```

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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