

Converting Colors

`RYB(195, 127, 155)`

Have a look what the booklet for
RYB(195, 127, 155) contains.

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Color

R_YB(195, 127, 155)

Conversions

Conversions Part 1

Format	Color
Hex	C37F9B
RGB	195, 127, 155
RGB Percent	76%, 50%, 61%
CMY	0.2353, 0.5020, 0.3922
CMYK	0.00, 0.35, 0.21, 0.24
HSL	335°, 36%, 63%
HSV	335°, 35%, 76%
XYZ	36.0114, 29.1474, 34.7383
YIQ	150.5240, 31.5400, 23.1240

Conversions

Conversions Part 2

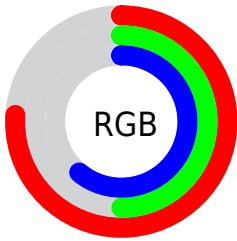
Format	Color
RYB	195, 127, 155
Decimal	12812187
CIELab	60.91, 30.29, -4.06
CIElCh	61, 30.557, 352.373
Yxy	29.1474, 0.3605, 0.2918
Android (android.graphics.Color)	4291002267 (0xFFC37F9B)
YUV	150.5240, 2.2067, 39.0055
Hunter-Lab	53.9883, 24.5840, -0.3578

Details

The RYB color **195, 127, 155** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **127, 170, 195**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **253, 181, 209**, and **140, 77, 104** is the 20% darker color. If you saturate the color by 10%, you get **195, 108, 144**, and if you desaturate by 10%, it is **195, 147, 166**.

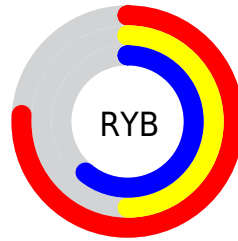
Distribution



Red (76%)

Green (50%)

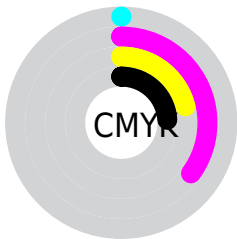
Blue (61%)



Red (76%)

Yellow (50%)

Blue (61%)

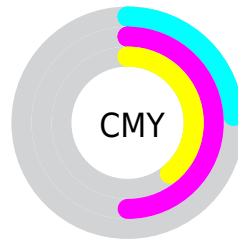


Cyan (0%)

Magenta (35%)

Yellow (21%)

Black (24%)



Cyan (24%)

Magenta (50%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the RYB color 195, 127, 155 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, 127, 155 by changing the saturation by 10% instead.

 195, 127, 155


255, 255, 255


 253, 181, 209

 255, 208, 238

 255, 237, 255

 195, 127, 155

 167, 101, 129

 140, 77, 104

 113, 52, 80

 88, 29, 57

 63, 4, 36

 42, 0, 14

 0, 0, 0

 195, 127, 155

 195, 108, 144

 195, 127, 155

 195, 147, 166

 195, 88, 132

 195, 166, 178

 195, 69, 121

 195, 186, 189

 195, 49, 109

 195, 201, 205

 195, 30, 98

 195, 214, 225

 195, 10, 86

 195, 226, 244

 195, 0, 80

 195, 231, 255

 195, 227, 255

 195, 225, 255

Harmonies

Analogous

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



175, 133, 180



195, 127, 155



200, 127, 128

Triad

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



195, 127, 155



96, 152, 103



60, 116, 189

Complementary

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



195, 127, 155



127, 170, 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.



53, 108, 167



195, 127, 155



113, 158, 158

Square

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



195, 127, 155



139, 172, 93



81, 127, 161



99, 134, 200

Rectangle

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



195, 127, 155



196, 137, 112



81, 127, 161



52, 111, 182

Sweetspot

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



195, 127, 155



252, 227, 238



167, 127, 195



128, 112, 119



0, 0, 0



128, 128, 128

Same Dimension

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



195, 127, 155



252, 146, 190



195, 134, 127



97, 87, 91



161, 0, 66



33, 0, 14

Inverse Universe

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



195, 127, 155



252, 146, 190



127, 159, 195



97, 87, 91



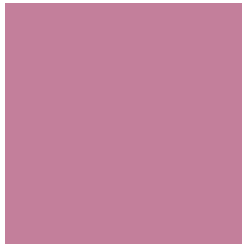
161, 0, 66



33, 0, 14

Previews

White Background



This preview shows how the RYB color 195, 127, 155 looks on a white background.

Color Contrast Check

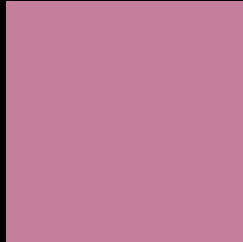
Large Text (above 18pt) WCAG AA ✓ Pass

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, 127, 155 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 195, 127, 155 Background



This preview shows how black text looks on a background with the RGB color 195, 127, 155.

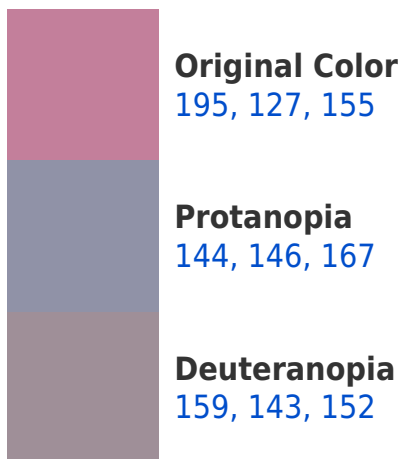


This preview shows how white text looks on a background with the RGB color 195, 127, 155.

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
193, 130, 140

Trichromacy



Original Color
195, 127, 155

Protanomaly
163, 139, 163

Deuteranomaly
172, 137, 153

Tritanomaly
194, 129, 145

Monochromacy



Original Color
195, 127, 155

Achromatopsia
151, 151, 151

Achromatomaly
167, 142, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 127, 155 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, 127, 155) looks like.

```
.text, #text, p{  
    color:rgb(195, 127, 155)  
}
```

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, 127, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 127, 155) }
```

Border

The CSS property to change the border of an element to RYB 195, 127, 155 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, 127, 155) }
```

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

```
.border{ border-color:rgb(195, 127, 155) }
```

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

Here you see how a box with a 4 pixel rgb(195, 127, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 127, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 127, 155);  
box-shadow:4px 4px 4px 4px rgb(195, 127,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 195, 127, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 127, 155) }
```

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

```
.background{ background-color: rgb(195,  
127, 155) }
```

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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