

Converting Colors

`RYB(195, 122, 130)`

Have a look what the booklet for
RYB(195, 122, 130) contains.

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Color

`RYB(195, 122, 130)`

Conversions

Conversions Part 1

Format	Color
Hex	C37A82
RGB	195, 122, 130
RGB Percent	76%, 48%, 51%
CMY	0.2353, 0.5216, 0.4902
CMYK	0.00, 0.37, 0.33, 0.24
HSL	353°, 38%, 62%
HSV	353°, 37%, 76%
XYZ	33.4945, 27.1329, 24.5909
YIQ	144.7390, 40.9400, 17.9640

Conversions

Conversions Part 2

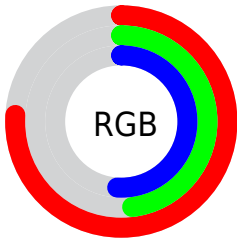
Format	Color
RYB	195, 122, 130
Decimal	12810882
CIELab	59.10, 29.47, 7.68
CIELCh	59, 30.458, 14.607
Yxy	27.1329, 0.3930, 0.3184
Android (android.graphics.Color)	4291000962 (0xFFC37A82)
YUV	144.7390, -7.2663, 44.0789
Hunter-Lab	52.0892, 23.6231, 8.4721

Details

The RYB color **195, 122, 130** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **122, 161, 195**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **253, 175, 183**, and **139, 72, 81** is the 20% darker color. If you saturate the color by 10%, you get **195, 103, 113**, and if you desaturate by 10%, it is **195, 142, 147**.

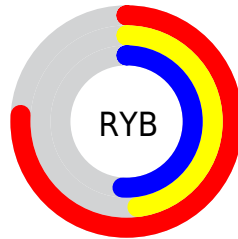
Distribution



Red (76%)

Green (48%)

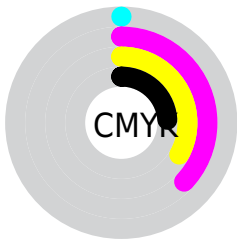
Blue (51%)



Red (76%)

Yellow (48%)

Blue (51%)

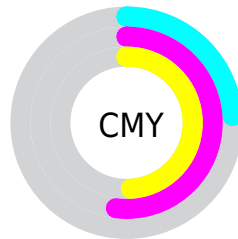


Cyan (0%)

Magenta (37%)

Yellow (33%)

Black (24%)



Cyan (24%)


Magenta (52%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 122, 130 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, 122, 130 by changing the saturation by 10% instead.

 195, 122, 130

255, 255, 255

 253, 175, 183

 255, 203, 210

 255, 231, 239

 195, 122, 130

 167, 97, 105

 139, 72, 81

 112, 48, 58

 86, 24, 36

 60, 0, 15

 39, 0, 1

 0, 0, 0

 195, 122, 130

 195, 103, 113

 195, 122, 130

 195, 142, 147


 195, 83, 95

 195, 161, 165

 195, 64, 78

 195, 181, 182

 195, 44, 61

 195, 198, 200

 195, 24, 43

 195, 208, 219

 195, 5, 26

 195, 218, 239

 195, 0, 21

 195, 226, 255

 195, 225, 255

Harmonies

Analogous

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



186, 123, 157



195, 122, 130



190, 134, 106

Triad

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



195, 122, 130



103, 152, 138



83, 124, 193

Complementary

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



195, 122, 130



122, 161, 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.



47, 106, 179



195, 122, 130



85, 130, 156

Square

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



195, 122, 130



92, 147, 90



53, 106, 157



126, 138, 194

Rectangle

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



195, 122, 130



179, 164, 95



53, 106, 157



69, 118, 190

Sweetspot

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



195, 122, 130



252, 225, 228



186, 122, 195



128, 111, 113



0, 0, 0



128, 128, 128

Same Dimension

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



195, 122, 130



252, 139, 151



195, 167, 122



97, 87, 88



161, 0, 18



33, 0, 4

Inverse Universe

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



195, 122, 130



252, 139, 151



122, 150, 195



97, 87, 88



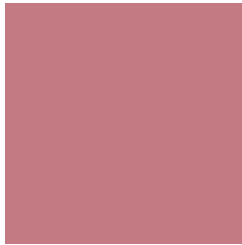
161, 0, 18



33, 0, 4

Previews

White Background



This preview shows how the RYB color 195, 122, 130 looks on a white background.

Color Contrast Check

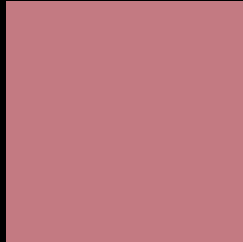
Large Text (above 18pt) WCAG AA ✓ Pass

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, 122, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

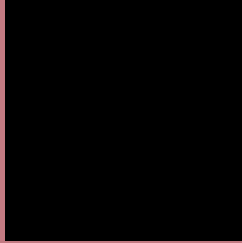
Any Text WCAG AA ✓ Pass

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](#).

RYB 195, 122, 130 Background



This preview shows how black text looks on a background with the RYB color 195, 122, 130.

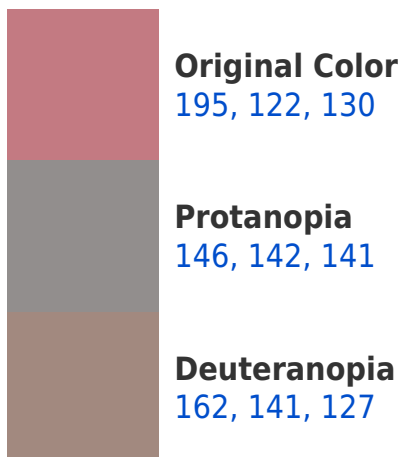


This preview shows how white text looks on a background with the RYB color 195, 122, 130.

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
195, 122, 131

Trichromacy



Original Color

195, 122, 130

Protanomaly

164, 135, 137

Deuteranomaly

174, 132, 128

Tritanomaly

195, 122, 131

Monochromacy



Original Color

195, 122, 130

Achromatopsia

145, 145, 145

Achromatomaly

163, 137, 140

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 122, 130 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, 122, 130)` looks like.

```
.text, #text, p{  
    color:rgb(195, 122, 130)  
}
```

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, 122, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 122, 130) }
```

Border

The CSS property to change the border of an element to RYB 195, 122, 130 is called "border". The border property can be set on classes, ids or directly on the HTML element.

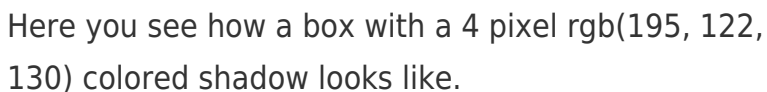
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 122, 130) }
```

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

```
.border{ border-color:rgb(195, 122, 130) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 122, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 122, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 122, 130);  
box-shadow:4px 4px 4px 4px rgb(195, 122,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 195, 122, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 122, 130) }
```

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

```
.background{ background-color: rgb(195,  
122, 130) }
```

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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