

Converting Colors

`RYB(193, 132, 122)`

Have a look what the booklet for
RYB(193, 132, 122) contains.

RYB(193, 132, 122)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(193, 132, 122)$

Conversions

Conversions Part 1

Format	Color
Hex	C1837A
RGB	193, 131, 122
RGB Percent	76%, 51%, 48%
CMY	0.2431, 0.4872, 0.5216
CMYK	0.00, 0.32, 0.37, 0.24
HSL	7°, 36%, 62%
HSV	7°, 37%, 76%
XYZ	33.5900, 28.9123, 22.2226
YIQ	148.5120, 39.8410, 10.3450

Conversions

Conversions Part 2

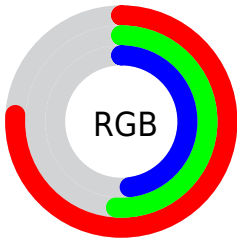
Format	Color
RYB	193, 132, 122
Decimal	12682106
CIELab	60.70, 22.88, 14.49
CIElCh	61, 27.087, 32.352
Yxy	28.9123, 0.3965, 0.3412
Android (android.graphics.Color)	4290872186 (0xFFC1837A)
YUV	148.5120, -13.0704, 39.0160
Hunter-Lab	53.7701, 17.4106, 13.1352

Details

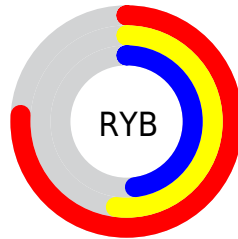
The RYB color **193, 132, 122** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **122, 155, 193**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **251, 185, 174**, and **137, 82, 73** is the 20% darker color. If you saturate the color by 10%, you get **193, 116, 103**, and if you desaturate by 10%, it is **193, 149, 141**.

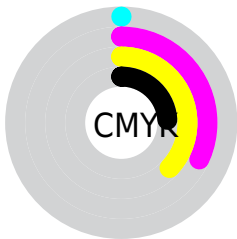
Distribution



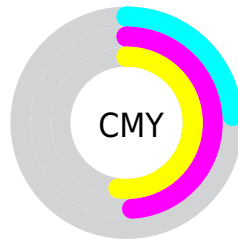
- Red (76%)
- Green (51%)
- Blue (48%)



- Red (76%)
- Yellow (52%)
- Blue (48%)



- Cyan (0%)
- Magenta (32%)
- Yellow (37%)
- Black (24%)



- Cyan (24%)
- Magenta (49%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the RYB color 193, 132, 122 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 193, 132, 122 by changing the saturation by 10% instead.

 193, 132, 122

255, 255, 255

 251, 185, 174


 255, 214, 202

 255, 247, 230

 193, 132, 122

 165, 106, 97

 137, 82, 73

 111, 58, 51

 85, 34, 30

 60, 13, 5

 38, 0, 1

 0, 0, 0

 193, 132, 122

 193, 116, 103

 193, 132, 122

 193, 149, 141

 193, 99, 83

 193, 166, 161

 193, 82, 64

 193, 182, 180

 193, 65, 45

 193, 196, 199

 193, 49, 26

 193, 205, 219

 193, 32, 6

 193, 214, 238

 193, 27, 0

 193, 222, 255

 193, 224, 255

Harmonies

Analogous

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



192, 129, 145



193, 132, 122



182, 160, 105

Triad

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



193, 132, 122



108, 146, 158



118, 140, 194

Complementary

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



193, 132, 122



122, 155, 193

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.



84, 126, 188



193, 132, 122



82, 124, 160

Square

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



193, 132, 122



105, 153, 122



69, 117, 171



152, 140, 187

Rectangle

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



193, 132, 122



140, 169, 99



69, 117, 171



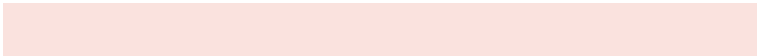
106, 136, 193

Sweetspot

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



193, 132, 122



250, 227, 222



193, 122, 185



125, 111, 109



252, 252, 252



125, 125, 125

Same Dimension

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



193, 132, 122



250, 156, 140



166, 193, 122



97, 88, 87



161, 23, 0



33, 5, 0

Inverse Universe

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



122, 155, 193



140, 191, 250



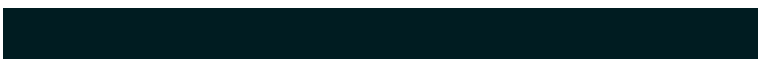
122, 142, 193



87, 92, 97



0, 75, 161



0, 15, 33

Previews

White Background



This preview shows how the RYB color 193, 132, 122 looks on a white background.

Color Contrast Check

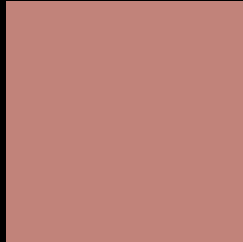
Large Text (above 18pt) WCAG AA ✓ Pass

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 193, 132, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

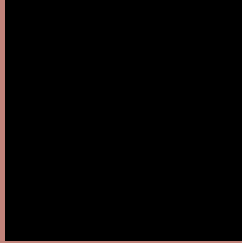
Any Text WCAG AA ✓ Pass

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](#).

R Y B 193, 132, 122 Background



This preview shows how black text looks on a background with the R Y B color 193, 132, 122.



This preview shows how white text looks on a background with the R Y B color 193, 132, 122.

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
193, 132, 122

Protanopia
140, 153, 130

Deuteranopia
170, 156, 120



Tritanopia

195, 128, 138

Trichromacy



Original Color

193, 132, 122

Protanomaly

168, 146, 127

Deuteranomaly

178, 143, 121

Tritanomaly

194, 129, 132

Monochromacy



Original Color

193, 132, 122

Achromatopsia

148, 148, 148

Achromatomaly

164, 142, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 132, 122 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(193, 131, 122)` looks like.

```
.text, #text, p{  
    color:rgb(193, 131, 122)  
}
```

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(193, 131, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 131, 122) }
```

Border

The CSS property to change the border of an element to RYB 193, 132, 122 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(193, 131, 122) }
```

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

```
.border{ border-color:rgb(193, 131, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 131, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 131, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 131, 122);  
box-shadow:4px 4px 4px 4px rgb(193, 131,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 193, 132, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 131, 122) }
```

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

```
.background{ background-color: rgb(193,  
131, 122) }
```

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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