

Converting Colors

`RYB(197, 162, 162)`

Have a look what the booklet for
RYB(197, 162, 162) contains.

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Color

R_YB(197, 162, 162)

Conversions

Conversions Part 1

Format	Color
Hex	C5A2A2
RGB	197, 162, 162
RGB Percent	77%, 64%, 64%
CMY	0.2275, 0.3647, 0.3647
CMYK	0.00, 0.18, 0.18, 0.23
HSL	0°, 23%, 70%
HSV	0°, 18%, 77%
XYZ	42.4679, 40.3196, 39.7266
YIQ	172.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

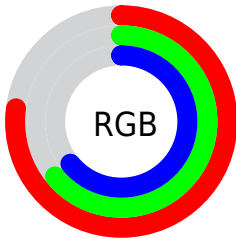
Format	Color
RYB	197, 162, 162
Decimal	12952226
CIELab	69.70, 12.87, 4.84
CIElCh	70, 13.746, 20.617
Yxy	40.3196, 0.3466, 0.3291
Android (android.graphics.Color)	4291142306 (0xFFC5A2A2)
YUV	172.4650, -5.1592, 21.5172
Hunter-Lab	63.4977, 8.2615, 7.3543

Details

The RYB color **197, 162, 162** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **162, 180, 197**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **254, 217, 217**, and **143, 110, 110** is the 20% darker color. If you saturate the color by 10%, you get **197, 142, 142**, and if you desaturate by 10%, it is **197, 182, 182**.

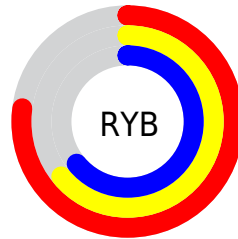
Distribution



Red (77%)

Green (64%)

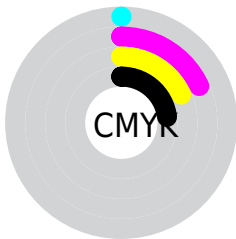
Blue (64%)



Red (77%)

Yellow (64%)

Blue (64%)

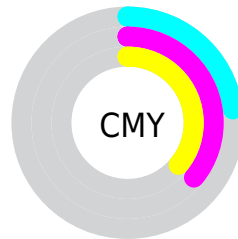


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (23%)



Cyan (23%)


Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the RYB color 197, 162, 162 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 197, 162, 162 by changing the saturation by 10% instead.

 197, 162, 162

 197, 162, 162

255, 255, 255

 169, 136, 136

 254, 217, 217

 143, 110, 110

 255, 245, 245

 117, 86, 86


 92, 62, 63


 68, 40, 41


 44, 20, 21

 24, 0, 1


 0, 0, 0

 197, 162, 162

 197, 162, 162

 197, 142, 142

 197, 182, 182

 197, 123, 123

 197, 199, 201

 197, 103, 103

 197, 209, 221

 197, 83, 83

 197, 219, 241

 197, 64, 64

 197, 226, 255

 197, 44, 44

 197, 24, 24

 197, 4, 4

 197, 0, 0

Harmonies

Analogous

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



193, 162, 175



197, 162, 162



194, 170, 151

Triad

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



197, 162, 162



154, 175, 172



152, 166, 195

Complementary

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



197, 162, 162



162, 180, 197

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.



141, 161, 189



197, 162, 162



145, 164, 177

Square

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



197, 162, 162



147, 172, 148



138, 158, 179



168, 168, 193

Rectangle

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



197, 162, 162



188, 186, 147



138, 158, 179



148, 164, 193

Sweetspot

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



197, 162, 162



255, 242, 242



197, 162, 197



128, 120, 120



0, 0, 0



128, 128, 128

Same Dimension

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



197, 162, 162



255, 201, 201



195, 197, 162



99, 90, 90



163, 0, 0



36, 0, 0

Inverse Universe

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



162, 180, 197



201, 228, 255



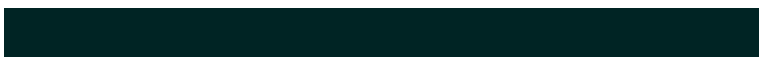
162, 174, 197



90, 95, 99



0, 82, 163



0, 18, 36

Previews

White Background



This preview shows how the RYB color 197, 162, 162 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 197, 162, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

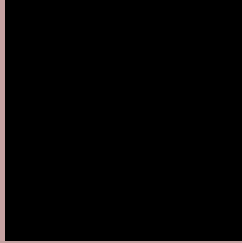
Any Text WCAG AA ✓ Pass

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 197, 162, 162 Background



This preview shows how black text looks on a background with the RYB color 197, 162, 162.



This preview shows how white text looks on a background with the RYB color 197, 162, 162.

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
197, 162, 162

Protanopia
174, 174, 166

Deuteranopia
190, 166, 161



Tritanopia
198, 160, 173

Trichromacy



Original Color

197, 162, 162

Protanomaly

182, 167, 165

Deuteranomaly

193, 164, 161

Tritanomaly

198, 161, 169

Monochromacy



Original Color

197, 162, 162

Achromatopsia

172, 172, 172

Achromatomaly

181, 168, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 162, 162 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(197, 162, 162)` looks like.

```
.text, #text, p{  
    color:rgb(197, 162, 162)  
}
```

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(197, 162, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 162, 162) }
```

Border

The CSS property to change the border of an element to RYB 197, 162, 162 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(197, 162, 162) }
```

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

```
.border{ border-color:rgb(197, 162, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 162, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 162, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 162, 162);  
box-shadow:4px 4px 4px 4px rgb(197, 162,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 197, 162, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 162, 162) }
```

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

```
.background{ background-color: rgb(197,  
162, 162) }
```

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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