

Converting Colors

`RYB(192, 166, 167)`

Have a look what the booklet for
RYB(192, 166, 167) contains.

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Color

R_YB(192, 166, 167)

Conversions

Conversions Part 1

Format	Color
Hex	C0A6A7
RGB	192, 166, 167
RGB Percent	75%, 65%, 65%
CMY	0.2471, 0.3490, 0.3451
CMYK	0.00, 0.14, 0.13, 0.25
HSL	358°, 17%, 70%
HSV	358°, 14%, 75%
XYZ	42.3495, 41.2689, 42.2929
YIQ	173.8880, 15.1750, 5.8230

Conversions

Conversions Part 2

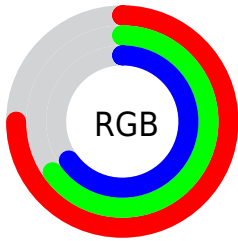
Format	Color
RYB	192, 166, 167
Decimal	12625575
CIELab	70.36, 9.63, 2.98
CIELCh	70, 10.083, 17.175
Yxy	41.2689, 0.3363, 0.3278
Android (android.graphics.Color)	4290815655 (0xFFC0A6A7)
YUV	173.8880, -3.3958, 15.8842
Hunter-Lab	64.2409, 5.2509, 5.9352

Details

The RYB color **192, 166, 167** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **166, 179, 192**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **249, 221, 222**, and **138, 114, 115** is the 20% darker color. If you saturate the color by 10%, you get **192, 147, 149**, and if you desaturate by 10%, it is **192, 185, 185**.

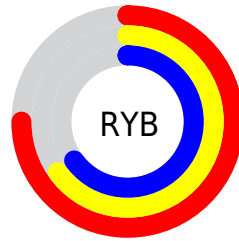
Distribution



Red (75%)

Green (65%)

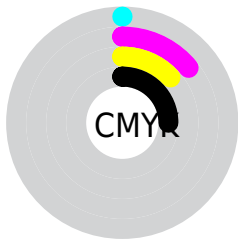
Blue (65%)



Red (75%)

Yellow (65%)

Blue (65%)

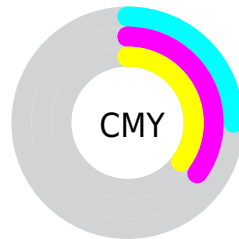


Cyan (0%)

Magenta (14%)

Yellow (13%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 166, 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 192, 166, 167 by changing the saturation by 10% instead.

 192, 166, 167


255, 255, 255

 249, 221, 222

 255, 250, 251

 192, 166, 167

 165, 140, 141

 138, 114, 115

 113, 90, 91

 88, 66, 67

 64, 44, 45


 42, 23, 24


 22, 0, 0


 0, 0, 0


 192, 166, 167

 192, 166, 167

 192, 147, 149

 192, 185, 185

 192, 128, 130

 192, 198, 204

 192, 108, 112

 192, 209, 224

 192, 89, 93

 192, 218, 243

 192, 70, 75

 192, 224, 255

 192, 51, 56

 192, 32, 38

 192, 12, 19

 192, 0, 7

Harmonies

Analogous

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



188, 166, 176



192, 166, 167



190, 170, 159

Triad

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



192, 166, 167



159, 176, 172



158, 169, 190

Complementary

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



192, 166, 167



166, 179, 192

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.



151, 165, 185



192, 166, 167



154, 168, 177

Square

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



192, 166, 167



156, 174, 155



150, 164, 178



169, 171, 189

Rectangle

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



192, 166, 167



186, 181, 155



150, 164, 178



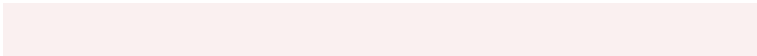
155, 168, 189

Sweetspot

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



192, 166, 167



250, 240, 240



191, 166, 192



125, 119, 119



252, 252, 252



125, 125, 125

Same Dimension

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



192, 166, 167



250, 210, 211



192, 188, 166



97, 87, 88



161, 0, 6



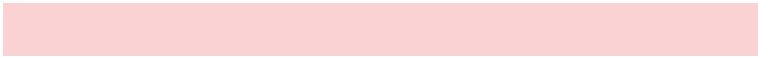
33, 0, 1

Inverse Universe

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



192, 166, 167



250, 210, 211



166, 175, 192



97, 87, 88



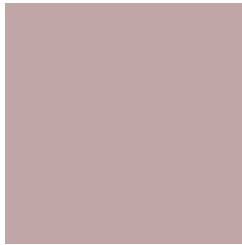
161, 0, 6



33, 0, 1

Previews

White Background



This preview shows how the RYB color 192, 166, 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 192, 166, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

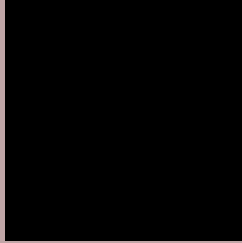
Any Text WCAG AA ✓ Pass

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 192, 166, 167 Background



This preview shows how black text looks on a background with the RYB color 192, 166, 167.



This preview shows how white text looks on a background with the RYB color 192, 166, 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


192, 166, 167

Protanopia

176, 171, 170

Deuteranopia

191, 166, 167



Tritanopia
193, 164, 177

Trichromacy



Original Color

192, 166, 167

Protanomaly

182, 169, 169

Deuteranomaly

191, 166, 167

Tritanomaly

193, 165, 173

Monochromacy



Original Color

192, 166, 167

Achromatopsia

174, 174, 174

Achromatomaly

181, 171, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 166, 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(192, 166, 167) looks like.

```
.text, #text, p{  
    color:rgb(192, 166, 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(192, 166, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 166, 167) }
```

Border

The CSS property to change the border of an element to RYB 192, 166, 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(192, 166, 167) }
```

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

```
.border{ border-color:rgb(192, 166, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 166, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 166, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 166, 167);  
box-shadow:4px 4px 4px 4px rgb(192, 166,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 192, 166, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 166, 167) }
```

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

```
.background{ background-color: rgb(192,  
166, 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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