

Converting Colors

`RYB(202, 164, 164)`

Have a look what the booklet for RYB(202, 164, 164) contains.

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Color

R_YB(202, 164, 164)

Conversions

Conversions Part 1

Format	Color
Hex	CAA4A4
RGB	202, 164, 164
RGB Percent	79%, 64%, 64%
CMY	0.2078, 0.3569, 0.3569
CMYK	0.00, 0.19, 0.19, 0.21
HSL	0°, 26%, 72%
HSV	0°, 19%, 79%
XYZ	44.3334, 41.7878, 40.8512
YIQ	175.3620, 22.6480, 8.0560

Conversions

Conversions Part 2

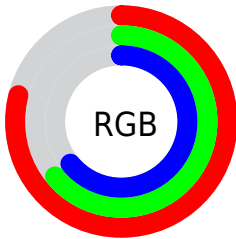
Format	Color
R _Y B	202, 164, 164
Decimal	13280420
CIE Lab	70.72, 13.95, 5.28
CIE LCh	71, 14.916, 20.715
Yxy	41.7878, 0.3492, 0.3291
Android (android.graphics.Color)	4291470500 (0xFFCAA4A4)
YUV	175.3620, -5.6015, 23.3615
Hunter-Lab	64.6435, 9.2917, 7.7824

Details

The RYB color **202, 164, 164** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **164, 183, 202**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **255, 219, 219**, and **147, 112, 112** is the 20% darker color. If you saturate the color by 10%, you get **202, 144, 144**, and if you desaturate by 10%, it is **202, 184, 184**.

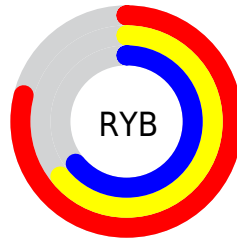
Distribution



Red (79%)

Green (64%)

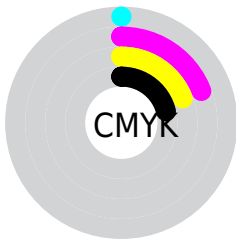
Blue (64%)



Red (79%)

Yellow (64%)

Blue (64%)

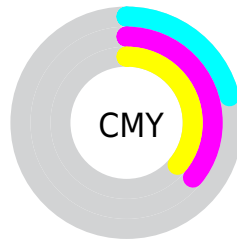


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (21%)



Cyan (21%)

Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the RYB color 202, 164, 164 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 202, 164, 164 by changing the saturation by 10% instead.

 202, 164, 164

 202, 164, 164


255, 255, 255

 174, 138, 138


 255, 219, 219


 147, 112, 112

 255, 248, 247

 121, 88, 88

 96, 64, 65


 71, 42, 43


 48, 21, 22

 29, 0, 0


 0, 0, 0

 202, 164, 164


 202, 164, 164

 202, 144, 144


 202, 184, 184

 202, 124, 124

 202, 203, 204

 202, 103, 103


 202, 214, 225

 202, 83, 83

 202, 224, 245

 202, 63, 63

 202, 229, 255

 202, 43, 43

 202, 23, 23

 202, 2, 2

 202, 0, 0

Harmonies

Analogous

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



198, 164, 178



202, 164, 164



198, 173, 153

Triad

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



202, 164, 164



156, 179, 177



153, 168, 199

Complementary

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



202, 164, 164



164, 183, 202

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, 163, 194



202, 164, 164



145, 167, 181

Square

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



202, 164, 164



148, 175, 149



138, 160, 182



170, 171, 198

Rectangle

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



202, 164, 164



192, 188, 148



138, 160, 182



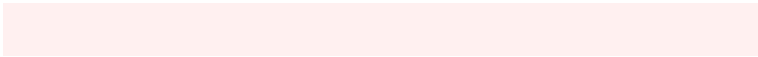
148, 166, 198

Sweetspot

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



202, 164, 164



255, 240, 240



202, 164, 202



128, 119, 119



0, 0, 0



128, 128, 128

Same Dimension

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



202, 164, 164



255, 196, 196



202, 202, 164



102, 92, 92



166, 0, 0



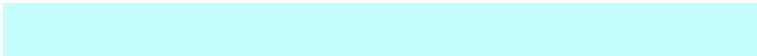
38, 0, 0

Inverse Universe

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



164, 183, 202



196, 226, 255



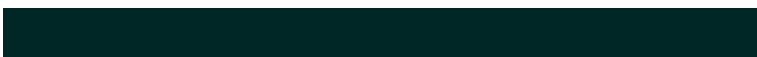
164, 177, 202



92, 97, 102



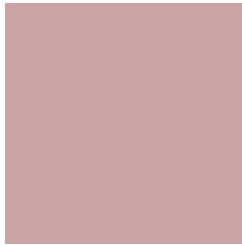
0, 83, 166



0, 19, 38

Previews

White Background



This preview shows how the RYB color 202, 164, 164 looks on a white background.

Color Contrast Check

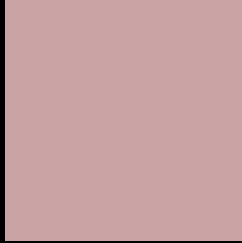
Large Text (above 18pt) WCAG AA × Fail

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 202, 164, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

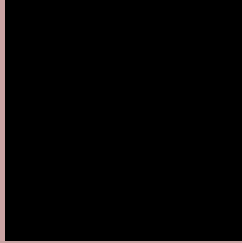
Any Text WCAG AA ✓ Pass

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 202, 164, 164 Background



This preview shows how black text looks on a background with the RYB color 202, 164, 164.



This preview shows how white text looks on a background with the RYB color 202, 164, 164.

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
202, 164, 164

Protanopia
177, 174, 169

Deuteranopia
194, 168, 163



Tritanopia
203, 162, 175

Trichromacy



Original Color

202, 164, 164

Protanomaly

186, 169, 167

Deuteranomaly

197, 166, 163

Tritanomaly

203, 163, 171

Monochromacy



Original Color

202, 164, 164

Achromatopsia

175, 175, 175

Achromatomaly

185, 171, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 164, 164 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(202, 164, 164) looks like.

```
.text, #text, p{  
    color:rgb(202, 164, 164)  
}
```

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(202, 164, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 164, 164) }
```

Border

The CSS property to change the border of an element to RYB 202, 164, 164 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(202, 164, 164) }
```

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

```
.border{ border-color:rgb(202, 164, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 164, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 164, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 164, 164);  
box-shadow:4px 4px 4px 4px rgb(202, 164,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 202, 164, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 164, 164) }
```

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

```
.background{ background-color: rgb(202,  
164, 164) }
```

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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