

Converting Colors

`RYB(221, 168, 168)`

Have a look what the booklet for
RYB(221, 168, 168) contains.

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Color

R_YB(221, 168, 168)

Conversions

Conversions Part 1

Format	Color
Hex	DDA8A8
RGB	221, 168, 168
RGB Percent	87%, 66%, 66%
CMY	0.1333, 0.3412, 0.3412
CMYK	0.00, 0.24, 0.24, 0.13
HSL	0°, 44%, 76%
HSV	0°, 24%, 87%
XYZ	50.8893, 46.2046, 43.2820
YIQ	183.8470, 31.5880, 11.2360

Conversions

Conversions Part 2

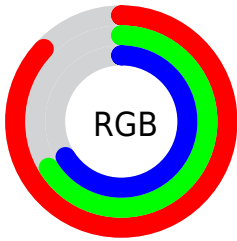
Format	Color
R _Y B	221, 168, 168
Decimal	14526632
CIE Lab	73.68, 19.46, 7.56
CIE LCh	74, 20.880, 21.235
Yxy	46.2046, 0.3625, 0.3291
Android (android.graphics.Color)	4292716712 (0xFFDDA8A8)
YUV	183.8470, -7.8126, 32.5832
Hunter-Lab	67.9739, 14.6812, 9.8292

Details

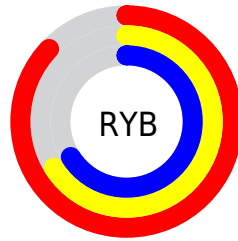
The RYB color **221, 168, 168** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **168, 195, 221**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **255, 223, 223**, and **165, 116, 116** is the 20% darker color. If you saturate the color by 10%, you get **221, 146, 146**, and if you desaturate by 10%, it is **221, 190, 190**.

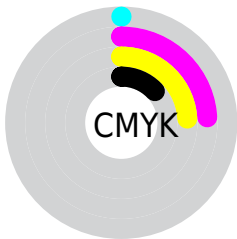
Distribution



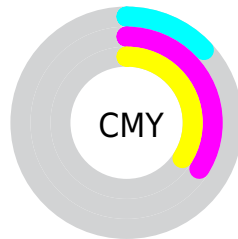
- Red (87%)
- Green (66%)
- Blue (66%)



- Red (87%)
- Yellow (66%)
- Blue (66%)



- Cyan (0%)
- Magenta (24%)
- Yellow (24%)
- Black (13%)



- Cyan (13%)
- Magenta (34%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 221, 168, 168 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 221, 168, 168 by changing the saturation by 10% instead.

 221, 168, 168

 221, 168, 168

255, 255, 255

 193, 141, 142

 255, 223, 223

 165, 116, 116

 255, 252, 252

 138, 91, 92

 112, 67, 68

 86, 44, 46


 62, 23, 25


 40, 0, 0


 0, 0, 0


 221, 168, 168


 221, 168, 168

 221, 146, 146


 221, 190, 190

 221, 124, 124


 221, 212, 212


 221, 102, 102


 221, 228, 234

 221, 80, 80

 221, 238, 255

 221, 57, 57

 221, 35, 35

 221, 13, 13

 221, 0, 0

Harmonies

Analogous

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



216, 168, 187



221, 168, 168



215, 181, 152

Triad

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



221, 168, 168



157, 189, 187



152, 174, 218

Complementary

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



221, 168, 168



168, 195, 221

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.



133, 165, 210



221, 168, 168



140, 171, 192

Square

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



221, 168, 168



145, 184, 148



129, 161, 194



177, 178, 217

Rectangle

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



221, 168, 168



207, 207, 145



129, 161, 194



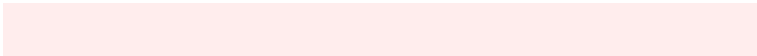
144, 171, 217

Sweetspot

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



221, 168, 168



255, 237, 237



221, 168, 221



128, 117, 117



0, 0, 0



128, 128, 128

Same Dimension

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



221, 168, 168



255, 181, 181



219, 221, 168



110, 99, 99



173, 0, 0



46, 0, 0

Inverse Universe

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



168, 195, 221



181, 218, 255



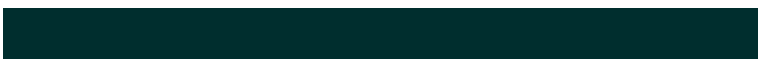
168, 186, 221



99, 105, 110



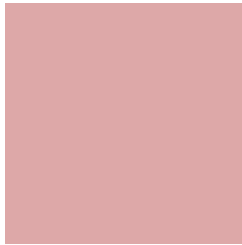
0, 87, 173



0, 23, 46

Previews

White Background



This preview shows how the RYB color 221, 168, 168 looks on a white background.

Color Contrast Check

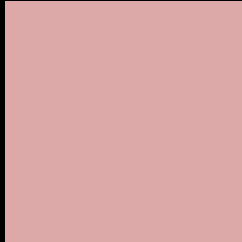
Large Text (above 18pt) WCAG AA × Fail

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 221, 168, 168 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](#).

RGB 221, 168, 168 Background



This preview shows how black text looks on a background with the RGB color 221, 168, 168.



This preview shows how white text looks on a background with the RGB color 221, 168, 168.

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
221, 168, 168

Protanopia
184, 186, 175

Deuteranopia
204, 177, 167



Tritanopia
222, 166, 179

Trichromacy



Original Color
221, 168, 168

Protanomaly
199, 177, 172

Deuteranomaly
210, 173, 167

Tritanomaly
222, 167, 175

Monochromacy



Original Color
221, 168, 168

Achromatopsia
184, 184, 184

Achromatomaly
197, 178, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 168, 168 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(221, 168, 168)` looks like.

```
.text, #text, p{  
    color:rgb(221, 168, 168)  
}
```

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(221, 168, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 168, 168) }
```

Border

The CSS property to change the border of an element to RYB 221, 168, 168 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(221, 168, 168) }
```

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

```
.border{ border-color:rgb(221, 168, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 168, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 168, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 168, 168);  
box-shadow:4px 4px 4px 4px rgb(221, 168,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 221, 168, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 168, 168) }
```

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

```
.background{ background-color: rgb(221,  
168, 168) }
```

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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