

Converting Colors

`RYB(221, 177, 162)`

Have a look what the booklet for
RYB(221, 177, 162) contains.

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Color

R_YB(221, 177, 162)

Conversions

Conversions Part 1

Format	Color
Hex	DDAEA2
RGB	221, 174, 162
RGB Percent	87%, 68%, 64%
CMY	0.1333, 0.3178, 0.3647
CMYK	0.00, 0.21, 0.27, 0.13
HSL	12°, 46%, 75%
HSV	12°, 27%, 87%
XYZ	51.4686, 48.2372, 40.7804
YIQ	186.6850, 31.8640, 6.2320

Conversions

Conversions Part 2

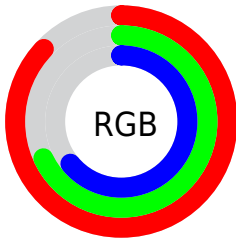
Format	Color
R _Y B	221, 177, 162
Decimal	14528162
CIE Lab	74.97, 15.41, 12.69
CIE LCh	75, 19.961, 39.464
Yxy	48.2372, 0.3664, 0.3434
Android (android.graphics.Color)	4292718242 (0xFFDDAEA2)
YUV	186.6850, -12.1697, 30.0943
Hunter-Lab	69.4530, 10.7358, 13.8041

Details

The RYB color **221, 177, 162** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **162, 188, 221**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 237, 217**, and **165, 124, 110** is the 20% darker color. If you saturate the color by 10%, you get **221, 160, 140**, and if you desaturate by 10%, it is **221, 194, 184**.

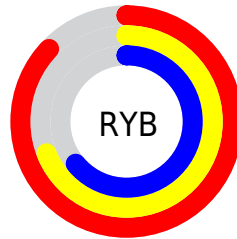
Distribution



Red (87%)

Green (68%)

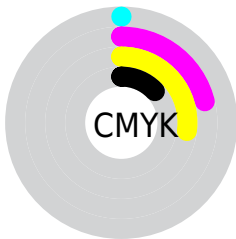
Blue (64%)



Red (87%)

Yellow (69%)

Blue (64%)

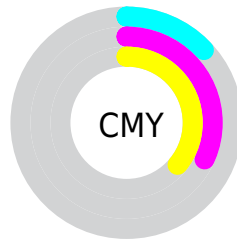


Cyan (0%)

Magenta (21%)

Yellow (27%)

Black (13%)



Cyan (13%)


Magenta (32%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 221, 177, 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 221, 177, 162 by changing the saturation by 10% instead.

 221, 177, 162

 221, 177, 162

255, 255, 255

 193, 150, 136

 255, 237, 217

 165, 124, 110

 245, 255, 245

 138, 98, 86


 112, 76, 63


 86, 52, 41

 62, 30, 20

 39, 6, 0

 0, 0, 0

 221, 177, 162

 221, 177, 162

■ 221, 160, 140

■ 221, 194, 184

■ 221, 144, 118

■ 221, 210, 206

■ 221, 127, 96

■ 221, 224, 228

■ 221, 110, 74

■ 221, 234, 250

■ 221, 95, 51

■ 221, 238, 255

■ 221, 78, 29

■ 221, 62, 7

■ 221, 57, 0

Harmonies

Analogous

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



222, 172, 179



221, 177, 162



210, 204, 151

Triad

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



221, 177, 162



152, 181, 194



171, 181, 220

Complementary

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



221, 177, 162



162, 188, 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.



149, 175, 218



221, 177, 162



138, 168, 195

Square

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



221, 177, 162



156, 191, 175



136, 168, 207



195, 178, 213

Rectangle

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



221, 177, 162



171, 199, 148



136, 168, 207



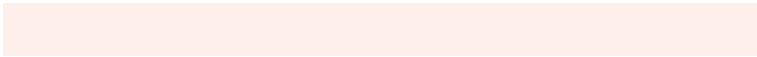
163, 179, 221

Sweetspot

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



221, 177, 162



255, 240, 235



221, 162, 209



128, 117, 115



0, 0, 0



128, 128, 128

Same Dimension

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



221, 177, 162



255, 194, 173



188, 221, 162



110, 101, 99



173, 44, 0



46, 11, 0

Inverse Universe

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



162, 188, 221



173, 209, 255



162, 176, 221



99, 104, 110



0, 77, 173



0, 21, 46

Previews

White Background



This preview shows how the RYB color 221, 177, 162 looks on a white background.

Color Contrast Check

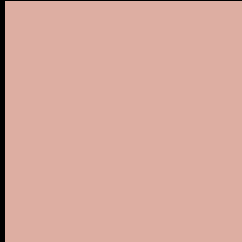
Large Text (above 18pt) WCAG AA × Fail

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 221, 177, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

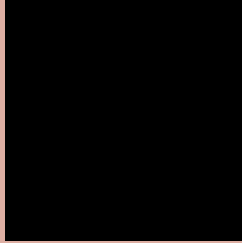
Any Text WCAG AA ✓ Pass

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 221, 177, 162 Background



This preview shows how black text looks on a background with the RYB color 221, 177, 162.



This preview shows how white text looks on a background with the RYB color 221, 177, 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

221, 177, 162

Protanopia

179, 192, 167

Deuteranopia

211, 187, 161



Tritanopia
223, 171, 184

Trichromacy



Original Color

221, 177, 162

Protanomaly

203, 190, 165

Deuteranomaly

215, 184, 161

Tritanomaly

222, 172, 176

Monochromacy



Original Color

221, 177, 162

Achromatopsia

187, 187, 187

Achromatomaly

199, 183, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 177, 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(221, 174, 162)` looks like.

```
.text, #text, p{  
    color:rgb(221, 174, 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(221, 174, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 174, 162) }
```

Border

The CSS property to change the border of an element to RYB 221, 177, 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(221, 174, 162) }
```

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

```
.border{ border-color:rgb(221, 174, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 174, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 174, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 174, 162);  
box-shadow:4px 4px 4px 4px rgb(221, 174,  
162) }
```

Background

The CSS property to change the background color of an element to RGB 221, 177, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 174, 162) }
```

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

```
.background{ background-color: rgb(221,  
174, 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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