

Converting Colors

`RYB(213, 171, 160)`

Have a look what the booklet for
RYB(213, 171, 160) contains.

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Color

$\text{RYB}(213, 171, 160)$

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D5A9A0 |
| RGB | 213, 169, 160 |
| RGB Percent | 84%, 66%, 63% |
| CMY | 0.1647, 0.3368, 0.3725 |
| CMYK | 0.00, 0.21, 0.25, 0.16 |
| HSL | 10°, 39%, 73% |
| HSV | 10°, 25%, 84% |
| XYZ | 47.9941, 45.1008, 39.4335 |
| YIQ | 181.1300, 29.1130, 6.5290 |

Conversions

Conversions Part 2

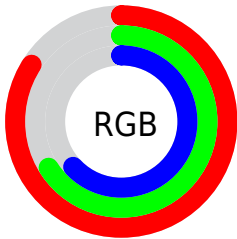
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 213, 171, 160 |
| Decimal | 14002592 |
| CIE Lab | 72.96, 14.72, 10.82 |
| CIE LCh | 73, 18.263, 36.317 |
| Yxy | 45.1008, 0.3621, 0.3403 |
| Android (android.graphics.Color) | 4292192672 (0xFFD5A9A0) |
| YUV | 181.1300, -10.4171, 27.9500 |
| Hunter-Lab | 67.1572, 10.0405, 12.1960 |

Details

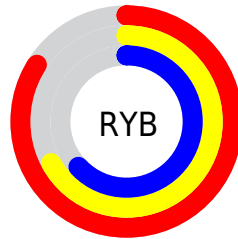
The RYB color **213, 171, 160** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **160, 184, 213**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 227, 215**, and **157, 119, 109** is the 20% darker color. If you saturate the color by 10%, you get **213, 153, 139**, and if you desaturate by 10%, it is **213, 188, 181**.

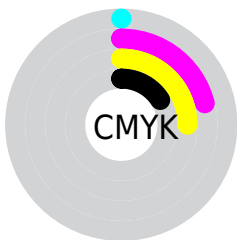
Distribution



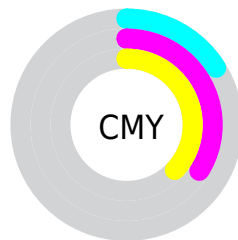
- Red (84%)
- Green (66%)
- Blue (63%)



- Red (84%)
- Yellow (67%)
- Blue (63%)



- Cyan (0%)
- Magenta (21%)
- Yellow (25%)
- Black (16%)



- Cyan (16%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 171, 160 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 213, 171, 160 by changing the saturation by 10% instead.

 213, 171, 160

 213, 171, 160


255, 255, 255

 185, 145, 134

 255, 227, 215

 157, 119, 109

 245, 255, 243

 131, 94, 84

 105, 69, 61

 80, 47, 39

 56, 26, 19


 35, 0, 0


 0, 0, 0

 213, 171, 160


 213, 171, 160

 213, 153, 139


 213, 188, 181

 213, 138, 117


 213, 204, 203

 213, 120, 96


 213, 218, 224


 213, 104, 75

 213, 228, 245

 213, 87, 54

 213, 234, 255

 213, 69, 32

 213, 53, 11

 213, 45, 0

Harmonies

Analogous

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



213, 167, 176



213, 171, 160



204, 195, 149

Triad

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



213, 171, 160



151, 178, 188



165, 176, 212

Complementary

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



213, 171, 160



160, 184, 213

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.



145, 169, 209



213, 171, 160



138, 165, 189

Square

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



213, 171, 160



152, 184, 166



135, 164, 198



187, 174, 206

Rectangle

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



213, 171, 160



172, 194, 146



135, 164, 198



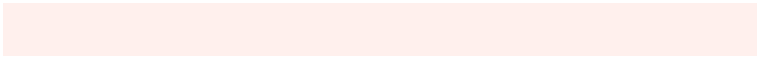
158, 174, 212

Sweetspot

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



213, 171, 160



255, 241, 237



213, 160, 204



128, 119, 117



0, 0, 0



128, 128, 128

Same Dimension

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



213, 171, 160



255, 195, 179



187, 213, 160



107, 98, 96



171, 35, 0



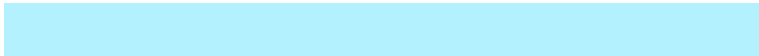
43, 8, 0

Inverse Universe

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



160, 184, 213



179, 213, 255



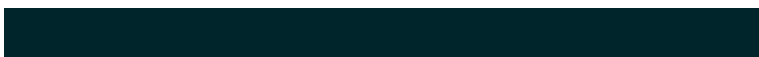
160, 173, 213



96, 101, 107



0, 77, 171



0, 20, 43

Previews

White Background



This preview shows how the RYB color 213, 171, 160 looks on a white background.

Color Contrast Check

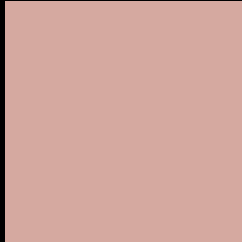
Large Text (above 18pt) WCAG AA × Fail

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 213, 171, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

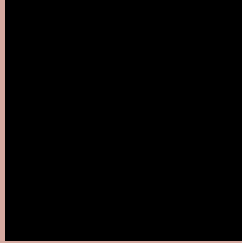
Any Text WCAG AA ✓ Pass

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](#).

R_YB 213, 171, 160 Background



This preview shows how black text looks on a background with the R_YB color 213, 171, 160.



This preview shows how white text looks on a background with the R_YB color 213, 171, 160.

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
213, 171, 160

Protanopia
176, 186, 165

Deuteranopia
204, 179, 159



Tritanopia
215, 166, 179

Trichromacy



Original Color

213, 171, 160

Protanomaly

196, 182, 163

Deuteranomaly

207, 177, 159

Tritanomaly

214, 167, 172

Monochromacy



Original Color

213, 171, 160

Achromatopsia

181, 181, 181

Achromatomaly

193, 178, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 171, 160 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(213, 169, 160)` looks like.

```
.text, #text, p{  
    color:rgb(213, 169, 160)  
}
```

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(213, 169, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 169, 160) }
```

Border

The CSS property to change the border of an element to RYB 213, 171, 160 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(213, 169, 160) }
```

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

```
.border{ border-color:rgb(213, 169, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 169, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 169, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 169, 160);  
box-shadow:4px 4px 4px 4px rgb(213, 169,  
160) }
```

Background

The CSS property to change the background color of an element to RGB 213, 171, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 169, 160) }
```

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

```
.background{ background-color: rgb(213,  
169, 160) }
```

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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