

Converting Colors

`RYB(214, 199, 184)`

Have a look what the booklet for
RYB(214, 199, 184) contains.

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Color

R_YB(214, 199, 184)

Conversions

Conversions Part 1

Format	Color
Hex	D6C2B8
RGB	214, 194, 184
RGB Percent	84%, 76%, 72%
CMY	0.1608, 0.2392, 0.2784
CMYK	0.00, 0.09, 0.14, 0.16
HSL	20°, 27%, 78%
HSV	20°, 14%, 84%
XYZ	55.6751, 56.3404, 53.2878
YIQ	198.8400, 15.1300, 1.1300

Conversions

Conversions Part 2

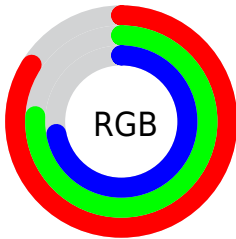
Format	Color
R _Y B	214, 199, 184
Decimal	14074552
CIE Lab	79.81, 5.39, 7.57
CIE LCh	80, 9.297, 54.551
Yxy	56.3404, 0.3368, 0.3408
Android (android.graphics.Color)	4292264632 (0xFFD6C2B8)
YUV	198.8400, -7.3161, 13.2953
Hunter-Lab	75.0602, 1.0449, 10.4502

Details

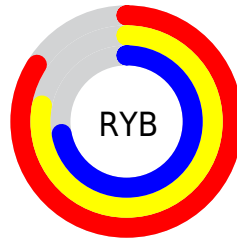
The RYB color **214, 199, 184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **184, 196, 214**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **248, 255, 240**, and **159, 144, 131** is the 20% darker color. If you saturate the color by 10%, you get **214, 189, 163**, and if you desaturate by 10%, it is **214, 210, 205**.

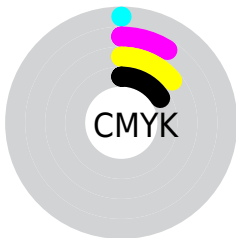
Distribution



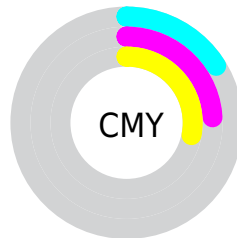
- Red (84%)
- Green (76%)
- Blue (72%)



- Red (84%)
- Yellow (78%)
- Blue (72%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the RYB color 214, 199, 184 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 214, 199, 184 by changing the saturation by 10% instead.

 214, 199, 184

255, 255, 255

 248, 255, 240


 214, 199, 184

 186, 172, 157

 159, 144, 131

 133, 120, 106

 107, 94, 82


 83, 71, 59

 59, 50, 37


 37, 29, 16

 12, 0, 0


 0, 0, 0

 214, 199, 184

 214, 199, 184

 214, 189, 163

 214, 210, 205

 214, 177, 141

 214, 219, 227

 214, 166, 120


 214, 228, 248


 214, 157, 98


 214, 233, 255


 214, 146, 77

 214, 235, 255

 214, 134, 56

 214, 124, 34

 214, 114, 13

 214, 106, 0

Harmonies

Analogous

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



217, 192, 191



214, 199, 184



197, 207, 181

Triad

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



214, 199, 184



180, 194, 203



198, 196, 214

Complementary

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



214, 199, 184



184, 196, 214

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.



187, 195, 215



214, 199, 184



177, 190, 205

Square

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



214, 199, 184



187, 201, 202



179, 192, 212



208, 194, 208

Rectangle

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



214, 199, 184



183, 201, 181



179, 192, 212



194, 197, 214

Sweetspot

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



214, 199, 184



255, 249, 245



214, 184, 204



128, 124, 121



0, 0, 0



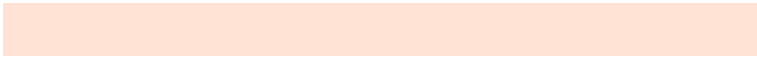
128, 128, 128

Same Dimension

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



214, 199, 184



255, 233, 212



190, 214, 184



107, 102, 96



171, 86, 0



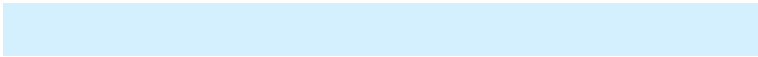
43, 21, 0

Inverse Universe

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



184, 196, 214



212, 229, 255



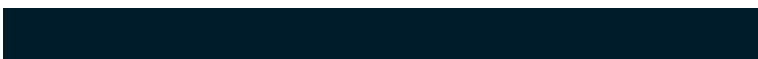
184, 189, 214



96, 101, 107



0, 68, 171



0, 17, 43

Previews

White Background



This preview shows how the RYB color 214, 199, 184 looks on a white background.

Color Contrast Check

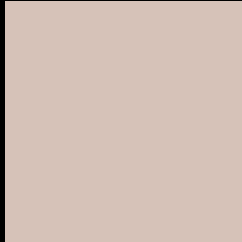
Large Text (above 18pt) WCAG AA × Fail

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 214, 199, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

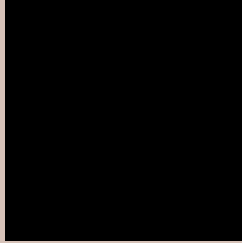
Any Text WCAG AA ✓ Pass

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 Y B 214, 199, 184 Background



This preview shows how black text looks on a background with the R Y B color 214, 199, 184.





This preview shows how white text looks on a background with the R Y B color 214, 199, 184.

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 214, 199, 184
	Protanopia 197, 204, 186
	Deuteranopia 222, 192, 185



Tritanopia
217, 191, 206

Trichromacy



Original Color

214, 199, 184

Protanomaly

208, 206, 185

Deuteranomaly

219, 194, 185

Tritanomaly

216, 192, 198

Monochromacy



Original Color

214, 199, 184

Achromatopsia

199, 199, 199

Achromatomaly

204, 198, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 199, 184 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(214, 194, 184) looks like.

```
.text, #text, p{  
    color:rgb(214, 194, 184)  
}
```

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(214, 194, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 194, 184) }
```

Border

The CSS property to change the border of an element to RYB 214, 199, 184 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(214, 194, 184) }
```

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

```
.border{ border-color:rgb(214, 194, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 194, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 194, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 194, 184);  
box-shadow:4px 4px 4px 4px rgb(214, 194,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 214, 199, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 194, 184) }
```

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

```
.background{ background-color: rgb(214,  
194, 184) }
```

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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