

Converting Colors

`RYB(218, 199, 194)`

Have a look what the booklet for
RYB(218, 199, 194) contains.

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Color

R_YB(218, 199, 194)

Conversions

Conversions Part 1

Format	Color
Hex	DAC6C2
RGB	218, 198, 194
RGB Percent	85%, 78%, 76%
CMY	0.1451, 0.2230, 0.2392
CMYK	0.00, 0.09, 0.11, 0.15
HSL	10°, 24%, 81%
HSV	10°, 11%, 85%
XYZ	58.8767, 59.2517, 59.3725
YIQ	203.5240, 13.2040, 2.9960

Conversions

Conversions Part 2

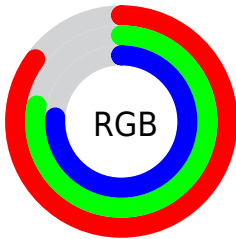
Format	Color
R _Y B	218, 199, 194
Decimal	14337730
CIE Lab	81.43, 6.27, 4.59
CIE LCh	81, 7.768, 36.198
Yxy	59.2517, 0.3317, 0.3338
Android (android.graphics.Color)	4292527810 (0xFFDAC6C2)
YUV	203.5240, -4.6953, 12.6955
Hunter-Lab	76.9751, 1.8244, 8.1510

Details

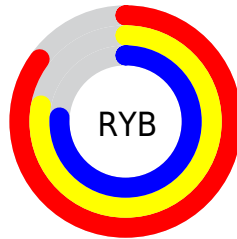
The RYB color **218, 199, 194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **194, 205, 218**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **250, 255, 250**, and **163, 145, 140** is the 20% darker color. If you saturate the color by 10%, you get **218, 182, 172**, and if you desaturate by 10%, it is **218, 216, 216**.

Distribution



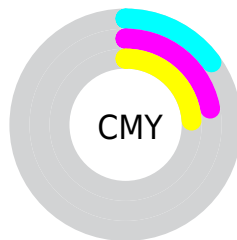
- Red (85%)
- Green (78%)
- Blue (76%)



- Red (85%)
- Yellow (78%)
- Blue (76%)



- Cyan (0%)
- Magenta (9%)
- Yellow (11%)
- Black (15%)



- Cyan (15%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 199, 194 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 218, 199, 194 by changing the saturation by 10% instead.

 218, 199, 194

255, 255, 255


 250, 255, 250

 218, 199, 194

 190, 172, 167


 163, 145, 140

 137, 120, 115

 111, 95, 90

 87, 71, 67

 63, 49, 45

 41, 28, 24

 21, 0, 0

 0, 0, 0

218, 199, 194

218, 199, 194

218, 182, 172

218, 216, 216

218, 165, 150

218, 227, 238

218, 147, 129

218, 236, 255

218, 130, 107

218, 237, 255

218, 113, 85

218, 96, 63

218, 79, 41

218, 61, 20

218, 46, 0

Harmonies

Analogous

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



218, 197, 201



218, 199, 194



214, 209, 189

Triad

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



218, 199, 194



191, 202, 206



197, 201, 217

Complementary

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



218, 199, 194



194, 205, 218

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.



189, 199, 215



218, 199, 194



186, 197, 207

Square

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



218, 199, 194



190, 205, 196



185, 197, 211



206, 200, 214

Rectangle

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



218, 199, 194



203, 210, 188



185, 197, 211



194, 200, 217

Sweetspot

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



218, 199, 194



255, 250, 247



218, 194, 214



128, 123, 122



0, 0, 0



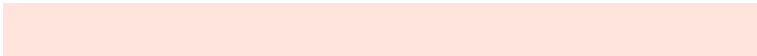
128, 128, 128

Same Dimension

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



218, 199, 194



255, 229, 222



206, 218, 194



110, 101, 99



173, 36, 0



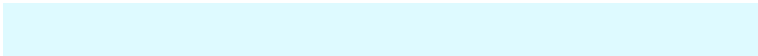
46, 10, 0

Inverse Universe

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



194, 205, 218



222, 237, 255



194, 200, 218



99, 104, 110



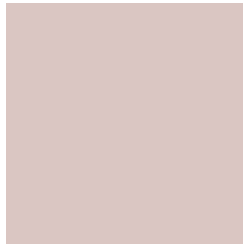
0, 79, 173



0, 21, 46

Previews

White Background



This preview shows how the RYB color 218, 199, 194 looks on a white background.

Color Contrast Check

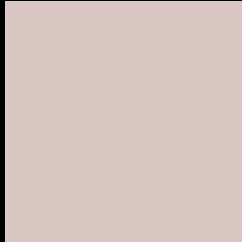
Large Text (above 18pt) WCAG AA × Fail

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 218, 199, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

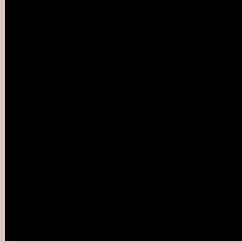
Any Text WCAG AA ✓ Pass

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 218, 199, 194 Background



This preview shows how black text looks on a background with the RYB color 218, 199, 194.



This preview shows how white text looks on a background with the RYB color 218, 199, 194.

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
218, 199, 194

Protanopia
205, 207, 196

Deuteranopia
225, 196, 194



Tritanopia
220, 196, 211

Trichromacy



Original Color

218, 199, 194

Protanomaly

211, 205, 195

Deuteranomaly

222, 197, 194

Tritanomaly

219, 197, 205

Monochromacy



Original Color

218, 199, 194

Achromatopsia

204, 204, 204

Achromatomaly

209, 203, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 199, 194 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(218, 198, 194) looks like.

```
.text, #text, p{  
    color:rgb(218, 198, 194)  
}
```

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(218, 198, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 198, 194) }
```

Border

The CSS property to change the border of an element to RYB 218, 199, 194 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(218, 198, 194) }
```

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

```
.border{ border-color:rgb(218, 198, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 198, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 198, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 198, 194);  
box-shadow:4px 4px 4px 4px rgb(218, 198,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 218, 198, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 198, 194) }
```

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

```
.background{ background-color: rgb(218,  
198, 194) }
```

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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