

Converting Colors

`RYB(204, 194, 194)`

Have a look what the booklet for
RYB(204, 194, 194) contains.

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Color

RYB(204, 194, 194)

Conversions

Conversions Part 1

Format	Color
Hex	CCC2C2
RGB	204, 194, 194
RGB Percent	80%, 76%, 76%
CMY	0.2000, 0.2392, 0.2392
CMYK	0.00, 0.05, 0.05, 0.20
HSL	0°, 9%, 78%
HSV	0°, 5%, 80%
XYZ	53.9312, 55.3160, 58.8735
YIQ	196.9900, 5.9600, 2.1200

Conversions

Conversions Part 2

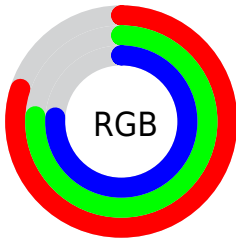
Format	Color
RYB	204, 194, 194
Decimal	13419202
CIELab	79.22, 3.50, 1.24
CIElCh	79, 3.710, 19.552
Yxy	55.3160, 0.3208, 0.3290
Android (android.graphics.Color)	4291609282 (0xFFCCC2C2)
YUV	196.9900, -1.4741, 6.1478
Hunter-Lab	74.3747, -0.7203, 5.1295

Details

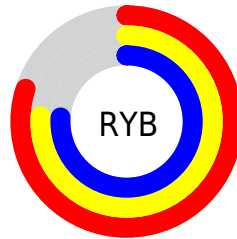
The RYB color **204, 194, 194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **194, 199, 204**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **255, 250, 250**, and **150, 140, 140** is the 20% darker color. If you saturate the color by 10%, you get **204, 174, 174**, and if you desaturate by 10%, it is **204, 209, 214**.

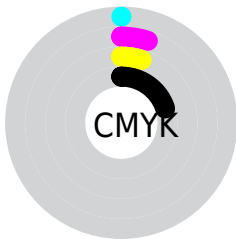
Distribution



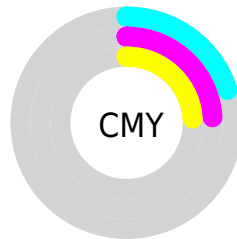
- Red (80%)
- Green (76%)
- Blue (76%)



- Red (80%)
- Yellow (76%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (20%)





- Cyan (20%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the RYB color 204, 194, 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 204, 194, 194 by changing the saturation by 10% instead.


 204, 194, 194

 204, 194, 194

255, 255, 255

 177, 167, 167


 255, 250, 250


 150, 140, 140

 124, 115, 115


 99, 90, 90


 75, 67, 67


 53, 45, 45

 31, 24, 24


 0, 0, 0

 204, 194, 194


 204, 194, 194

 204, 174, 174


 204, 209, 214

 204, 153, 153

 204, 220, 235

 204, 133, 133

 204, 230, 255

 204, 112, 112

 204, 92, 92

 204, 72, 72

 204, 51, 51

 204, 31, 31

 204, 10, 10

Harmonies

Analogous

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



203, 194, 198



204, 194, 194



203, 197, 191

Triad

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



204, 194, 194



192, 198, 197



192, 195, 203

Complementary

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



204, 194, 194



194, 199, 204

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, 194, 201



204, 194, 194



189, 194, 198

Square

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



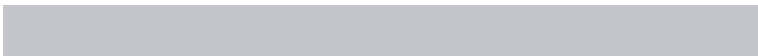
204, 194, 194



190, 197, 190



188, 193, 198



196, 196, 203

Rectangle

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



204, 194, 194



202, 199, 190



188, 193, 198



190, 195, 203

Sweetspot

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



204, 194, 194



255, 252, 252



204, 194, 204



128, 126, 126



0, 0, 0



128, 128, 128

Same Dimension

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



204, 194, 194



255, 240, 240



204, 204, 194



102, 95, 95



166, 0, 0



38, 0, 0

Inverse Universe

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



194, 199, 204



240, 248, 255



194, 197, 204



95, 99, 102



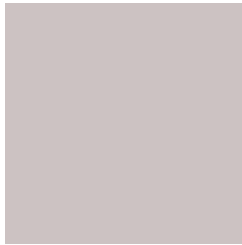
0, 83, 166



0, 19, 38

Previews

White Background



This preview shows how the RYB color 204, 194, 194 looks on a white background.

Color Contrast Check

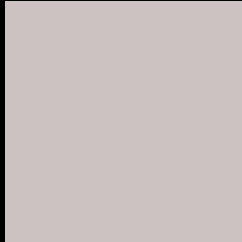
Large Text (above 18pt) WCAG AA × Fail

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 204, 194, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

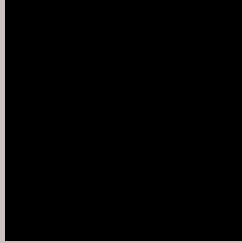
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

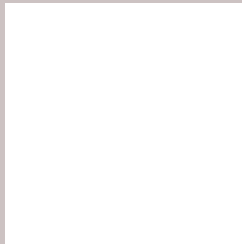
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYP 204, 194, 194 Background



This preview shows how black text looks on a background with the RYP color 204, 194, 194.

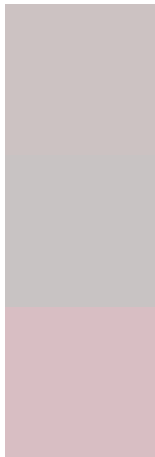


This preview shows how white text looks on a background with the RYP color 204, 194, 194.

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
204, 194, 194

Protanopia
200, 195, 195

Deuteranopia
216, 190, 195



Tritanopia
206, 192, 207

Trichromacy



Original Color

204, 194, 194

Protanomaly

201, 195, 195

Deuteranomaly

212, 191, 195

Tritanomaly

205, 193, 202

Monochromacy



Original Color

204, 194, 194

Achromatopsia

197, 197, 197

Achromatomaly

200, 196, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 194, 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(204, 194, 194) looks like.

```
.text, #text, p{  
    color:rgb(204, 194, 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(204, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 194, 194) }
```

Border

The CSS property to change the border of an element to RYB 204, 194, 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(204, 194, 194) }
```

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

```
.border{ border-color:rgb(204, 194, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 194, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 194, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 194, 194);  
box-shadow:4px 4px 4px 4px rgb(204, 194,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 204, 194, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 194, 194) }
```

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

```
.background{ background-color: rgb(204,  
194, 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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