

Converting Colors

`RYB(214, 195, 195)`

Have a look what the booklet for
RYB(214, 195, 195) contains.

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Color

R_YB(214, 195, 195)

Conversions

Conversions Part 1

Format	Color
Hex	D6C3C3
RGB	214, 195, 195
RGB Percent	84%, 76%, 76%
CMY	0.1608, 0.2353, 0.2353
CMYK	0.00, 0.09, 0.09, 0.16
HSL	0°, 19%, 80%
HSV	0°, 9%, 84%
XYZ	57.0970, 57.2665, 59.6740
YIQ	200.6810, 11.3240, 4.0280

Conversions

Conversions Part 2

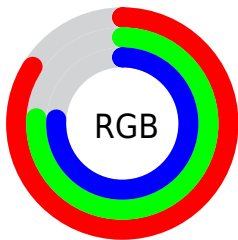
Format	Color
RYB	214, 195, 195
Decimal	14074819
CIELab	80.33, 6.67, 2.41
CIELCh	80, 7.097, 19.886
Yxy	57.2665, 0.3281, 0.3290
Android (android.graphics.Color)	4292264899 (0xFFD6C3C3)
YUV	200.6810, -2.8007, 11.6808
Hunter-Lab	75.6746, 2.2488, 6.2185

Details

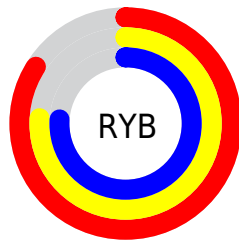
The RYB color **214, 195, 195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **195, 205, 214**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is 255, 252, 252, and **159, 141, 141** is the 20% darker color. If you saturate the color by 10%, you get **214, 174, 174**, and if you desaturate by 10%, it is **214, 215, 216**.

Distribution



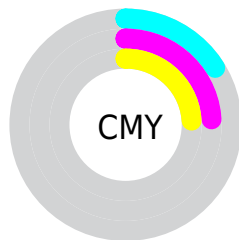
- Red (84%)
- Green (76%)
- Blue (76%)



- Red (84%)
- Yellow (76%)
- Blue (76%)



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




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

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 195, 195 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, 195, 195 by changing the saturation by 10% instead.


 214, 195, 195

 214, 195, 195

255, 255, 255

 186, 168, 168


 255, 252, 252


 159, 141, 141

 133, 116, 116

 108, 91, 91


 83, 68, 68


 60, 46, 46


 38, 25, 25

 18, 0, 0


 0, 0, 0

 214, 195, 195

 214, 195, 195

 214, 174, 174


 214, 215, 216

 214, 152, 152

 214, 226, 238


 214, 131, 131


 214, 235, 255


 214, 109, 109

 214, 88, 88

 214, 67, 67

 214, 45, 45

 214, 24, 24

 214, 2, 2

Harmonies

Analogous

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



212, 195, 202



214, 195, 195



212, 199, 189

Triad

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



214, 195, 195



191, 202, 201



190, 197, 212

Complementary

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



214, 195, 195



195, 205, 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.



185, 195, 209



214, 195, 195



186, 196, 203

Square

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



214, 195, 195



187, 200, 187



183, 193, 203



198, 198, 212

Rectangle

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



214, 195, 195



209, 205, 187



183, 193, 203



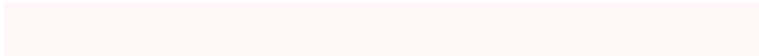
188, 196, 211

Sweetspot

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



214, 195, 195



255, 247, 247



214, 195, 214



128, 122, 122



0, 0, 0



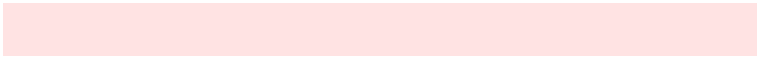
128, 128, 128

Same Dimension

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



214, 195, 195



255, 227, 227



214, 212, 195



107, 96, 96



171, 0, 0



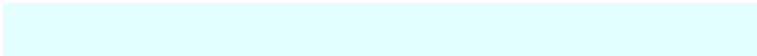
43, 0, 0

Inverse Universe

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



195, 205, 214



227, 241, 255



195, 201, 214



96, 102, 107



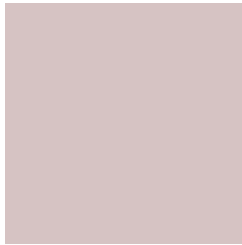
0, 86, 171



0, 22, 43

Previews

White Background



This preview shows how the RYB color 214, 195, 195 looks on a white background.

Color Contrast Check

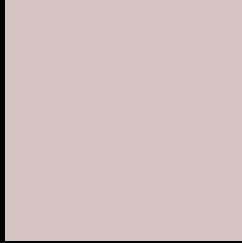
Large Text (above 18pt) WCAG AA × Fail

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, 195, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

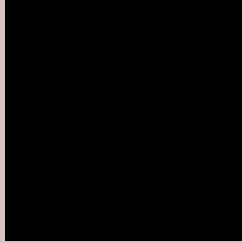
Any Text WCAG AA ✓ Pass

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 214, 195, 195 Background



This preview shows how black text looks on a background with the RYB color 214, 195, 195.



This preview shows how white text looks on a background with the RYB color 214, 195, 195.

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, 195, 195

Protanopia
203, 198, 197

Deuteranopia
220, 193, 195



Tritanopia
216, 193, 208

Trichromacy



Original Color

214, 195, 195

Protanomaly

207, 197, 196

Deuteranomaly

218, 194, 195

Tritanomaly

215, 194, 203

Monochromacy



Original Color

214, 195, 195

Achromatopsia

201, 201, 201

Achromatomaly

206, 199, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 195, 195 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, 195, 195) looks like.

```
.text, #text, p{  
    color:rgb(214, 195, 195)  
}
```

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, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 195, 195) }
```

Border

The CSS property to change the border of an element to RYB 214, 195, 195 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, 195, 195) }
```

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

```
.border{ border-color:rgb(214, 195, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 195, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 195, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 195, 195);  
box-shadow:4px 4px 4px 4px rgb(214, 195,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 214, 195, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 195, 195) }
```

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

```
.background{ background-color: rgb(214,  
195, 195) }
```

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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