

Converting Colors

`RYB(237, 214, 214)`

Have a look what the booklet for RYB(237, 214, 214) contains.

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Color

R_YB(237, 214, 214)

Conversions

Conversions Part 1

Format	Color
Hex	EDD6D6
RGB	237, 214, 214
RGB Percent	93%, 84%, 84%
CMY	0.0706, 0.1608, 0.1608
CMYK	0.00, 0.10, 0.10, 0.07
HSL	0°, 39%, 88%
HSV	0°, 10%, 93%
XYZ	71.1092, 70.9527, 73.5657
YIQ	220.8770, 13.7080, 4.8760

Conversions

Conversions Part 2

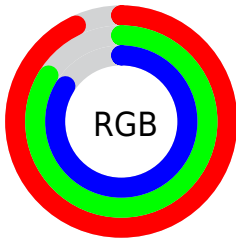
Format	Color
RYB	237, 214, 214
Decimal	15587030
CIELab	87.46, 7.95, 2.89
CIELCh	87, 8.457, 19.956
Yxy	70.9527, 0.3298, 0.3291
Android (android.graphics.Color)	4293777110 (0xFFEDD6D6)
YUV	220.8770, -3.3904, 14.1399
Hunter-Lab	84.2334, 3.2799, 7.1822

Details

The RYB color **237, 214, 214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **214, 226, 237**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is 255, 255, 255, and **181, 159, 159** is the 20% darker color. If you saturate the color by 10%, you get **237, 190, 190**, and if you desaturate by 10%, it is **237, 238, 238**.

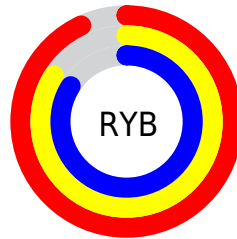
Distribution



Red (93%)

Green (84%)

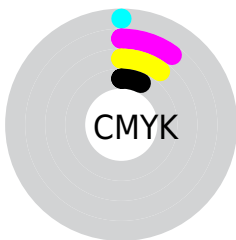
Blue (84%)



Red (93%)

Yellow (84%)

Blue (84%)

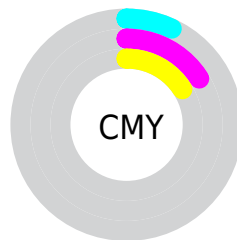


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 214, 214 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 237, 214, 214 by changing the saturation by 10% instead.

 237, 214, 214

 237, 214, 214

255, 255, 255

 209, 186, 186

 181, 159, 159

 154, 133, 133

 128, 108, 108

 103, 84, 84

 79, 60, 61


 55, 39, 39

 34, 18, 18

 0, 0, 0

 237, 214, 214

 237, 214, 214


 237, 190, 190

 237, 238, 238

 237, 167, 167

 237, 246, 255

 237, 143, 143

 237, 119, 119

 237, 95, 95

 237, 72, 72

 237, 48, 48

 237, 24, 24

 237, 1, 1

Harmonies

Analogous

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



234, 214, 222



237, 214, 214



235, 218, 207

Triad

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



237, 214, 214



209, 223, 221



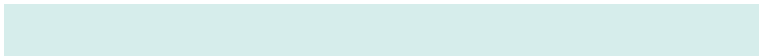
208, 217, 235

Complementary

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



237, 214, 214



214, 226, 237

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.



201, 214, 231



237, 214, 214



203, 216, 224

Square

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



237, 214, 214



204, 220, 204



200, 212, 224



218, 218, 234

Rectangle

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



237, 214, 214



231, 229, 204



200, 212, 224



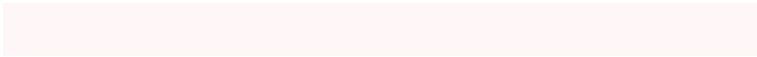
205, 215, 234

Sweetspot

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



237, 214, 214



255, 247, 247



237, 214, 237



128, 122, 122



0, 0, 0



128, 128, 128

Same Dimension

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



237, 214, 214



255, 224, 224



235, 237, 214



117, 106, 106



181, 0, 0



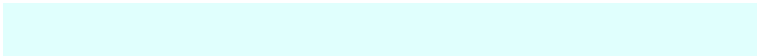
54, 0, 0

Inverse Universe

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



214, 226, 237



224, 240, 255



214, 222, 237



106, 112, 117



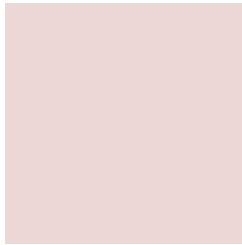
0, 91, 181



0, 27, 54

Previews

White Background



This preview shows how the RYB color 237, 214, 214 looks on a white background.

Color Contrast Check

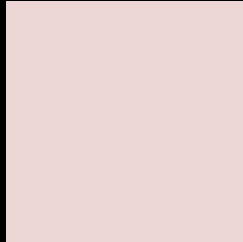
Large Text (above 18pt) WCAG AA × Fail

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 237, 214, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

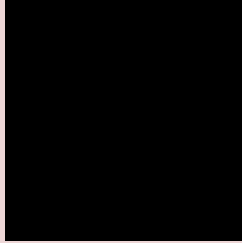
Any Text WCAG AA ✓ Pass

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 237, 214, 214 Background



This preview shows how black text looks on a background with the RYB color 237, 214, 214.



This preview shows how white text looks on a background with the RYB color 237, 214, 214.

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
237, 214, 214

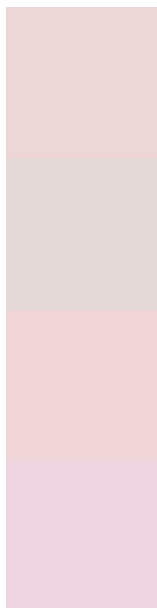
Protanopia
224, 219, 216

Deuteranopia
242, 212, 214



Tritanopia
239, 212, 228

Trichromacy



Original Color

237, 214, 214

Protanomaly

229, 217, 215

Deuteranomaly

240, 213, 214

Tritanomaly

238, 213, 223

Monochromacy



Original Color

237, 214, 214

Achromatopsia

221, 221, 221

Achromatomaly

227, 218, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 214, 214 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(237, 214, 214) looks like.

```
.text, #text, p{  
    color:rgb(237, 214, 214)  
}
```

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(237, 214, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 214, 214) }
```

Border

The CSS property to change the border of an element to RYB 237, 214, 214 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(237, 214, 214) }
```

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

```
.border{ border-color:rgb(237, 214, 214) }
```

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

Here you see how a box with a 4 pixel rgb(237, 214, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 214, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 214, 214);  
box-shadow:4px 4px 4px 4px rgb(237, 214,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 237, 214, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 214, 214) }
```

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

```
.background{ background-color: rgb(237,  
214, 214) }
```

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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