

Converting Colors

`RYB(226, 216, 214)`

Have a look what the booklet for RYB(226, 216, 214) contains.

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Color

R_YB(226, 216, 214)

Conversions

Conversions Part 1

Format	Color
Hex	E2D8D6
RGB	226, 216, 214
RGB Percent	89%, 85%, 84%
CMY	0.1137, 0.1541, 0.1608
CMYK	0.00, 0.05, 0.05, 0.11
HSL	9°, 17%, 86%
HSV	9°, 5%, 89%
XYZ	67.9844, 69.9892, 73.5444
YIQ	218.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

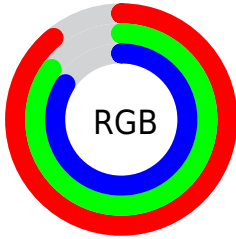
Format	Color
R _Y B	226, 216, 214
Decimal	14866646
CIE Lab	86.99, 3.23, 2.09
CIE LCh	87, 3.847, 32.949
Yxy	69.9892, 0.3214, 0.3309
Android (android.graphics.Color)	4293056726 (0xFFE2D8D6)
YUV	218.7620, -2.3477, 6.3477
Hunter-Lab	83.6596, -1.3496, 6.4404

Details

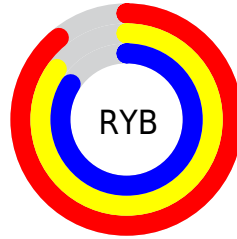
The RYB color **226, 216, 214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **214, 219, 226**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is 255, 255, 255, and **171, 161, 159** is the 20% darker color. If you saturate the color by 10%, you get **226, 197, 191**, and if you desaturate by 10%, it is **226, 231, 237**.

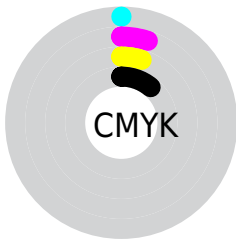
Distribution



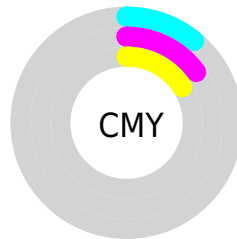
- Red (89%)
- Green (85%)
- Blue (84%)



- Red (89%)
- Yellow (85%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 216, 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 226, 216, 214 by changing the saturation by 10% instead.

■ 226, 216, 214

255, 255, 255

■ 226, 216, 214

■ 198, 188, 186

■ 171, 161, 159

■ 144, 135, 133

■ 119, 109, 108

■ 94, 85, 84

■ 70, 62, 61

■ 48, 40, 39

■ 27, 21, 18

■ 0, 0, 0

■ 226, 216, 214

■ 226, 216, 214

■ 226, 197, 191

■ 226, 231, 237

■ 226, 178, 169

■ 226, 240, 255

■ 226, 160, 146

■ 226, 241, 255

■ 226, 140, 124

■ 226, 122, 101

■ 226, 102, 78

■ 226, 84, 56

■ 226, 66, 33

■ 226, 46, 11

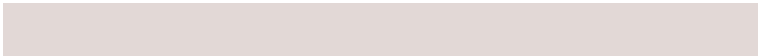
Harmonies

Analogous

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



226, 215, 218



226, 216, 214



224, 222, 211

Triad

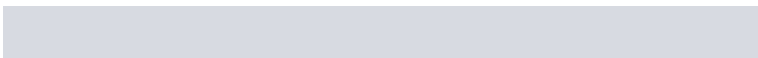
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226, 216, 214



212, 218, 220



215, 217, 225

Complementary

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



226, 216, 214



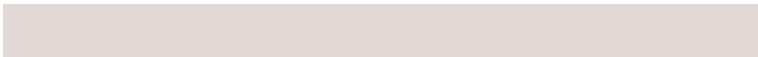
214, 219, 226

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.



211, 216, 224



226, 216, 214



210, 216, 220

Square

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



226, 216, 214



212, 219, 215



209, 215, 222



219, 217, 224

Rectangle

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



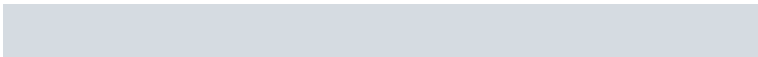
226, 216, 214



220, 222, 211



209, 215, 222



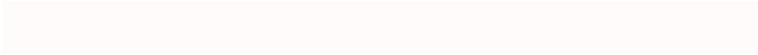
213, 217, 225

Sweetspot

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



226, 216, 214



255, 251, 250



226, 214, 224



128, 125, 125



0, 0, 0



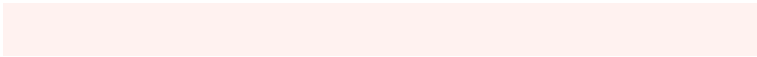
128, 128, 128

Same Dimension

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



226, 216, 214



255, 242, 240



220, 226, 214



112, 105, 104



176, 29, 0



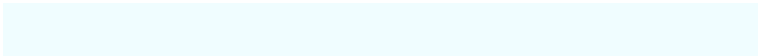
48, 8, 0

Inverse Universe

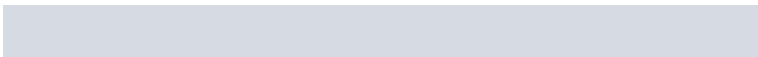
The Inverse Universe completely reimagines the original color for something new.



214, 219, 226



240, 247, 255



214, 217, 226



104, 108, 112



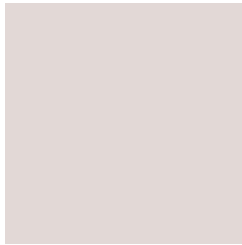
0, 81, 176



0, 22, 48

Previews

White Background



This preview shows how the RYB color 226, 216, 214 looks on a white background.

Color Contrast Check

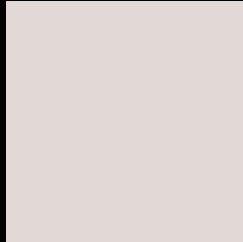
Large Text (above 18pt) WCAG AA × Fail

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 226, 216, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

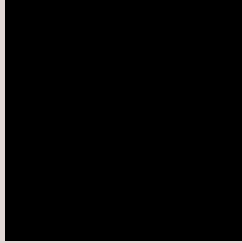
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

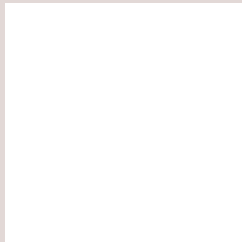
Any Text WCAG AAA ✓ Pass

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

RYB 226, 216, 214 Background



This preview shows how black text looks on a background with the RYB color 226, 216, 214.

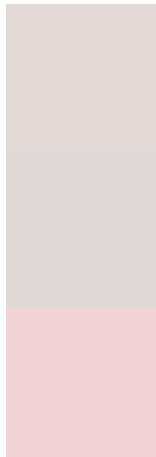


This preview shows how white text looks on a background with the RYB color 226, 216, 214.

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
226, 216, 214

Protanopia
222, 218, 215

Deuteranopia
240, 211, 215



Tritanopia
228, 213, 230

Trichromacy



Original Color

226, 216, 214

Protanomaly

223, 218, 215

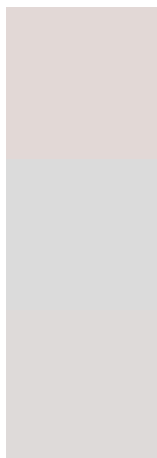
Deuteranomaly

235, 213, 215

Tritanomaly

227, 214, 224

Monochromacy



Original Color

226, 216, 214

Achromatopsia

219, 219, 219

Achromatomaly

222, 218, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 216, 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(226, 216, 214) looks like.

```
.text, #text, p{  
    color:rgb(226, 216, 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(226, 216, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 216, 214) }
```

Border

The CSS property to change the border of an element to RYB 226, 216, 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(226, 216, 214) }
```

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

```
.border{ border-color:rgb(226, 216, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 216, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 216, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 216, 214);  
box-shadow:4px 4px 4px 4px rgb(226, 216,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 226, 216, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 216, 214) }
```

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

```
.background{ background-color: rgb(226,  
216, 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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