

Converting Colors

`RYB(216, 226, 215)`

Have a look what the booklet for
RYB(216, 226, 215) contains.

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Color

R_YB(216, 226, 215)

Conversions

Conversions Part 1

Format	Color
Hex	E2E1D7
RGB	226, 225, 215
RGB Percent	89%, 88%, 84%
CMY	0.1137, 0.1173, 0.1569
CMYK	0.00, 0.00, 0.05, 0.11
HSL	55°, 16%, 86%
HSV	55°, 5%, 89%
XYZ	70.5775, 74.9705, 75.0409
YIQ	224.1590, 3.8060, -2.8980

Conversions

Conversions Part 2

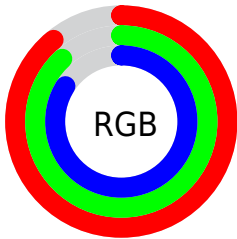
Format	Color
R_{YB}	216, 226, 215
Decimal	14868951
CIE _{Lab}	89.38, -1.45, 5.03
CIE _{LCh}	89, 5.231, 106.080
Yxy	74.9705, 0.3200, 0.3399
Android (android.graphics.Color)	4293059031 (0xFFE2E1D7)
YUV	224.1590, -4.5154, 1.6146
Hunter-Lab	86.5855, -6.0259, 9.2251

Details

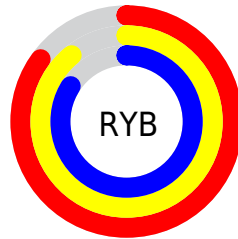
The RYB color **216, 226, 215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **215, 216, 226**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **161, 171, 160** is the 20% darker color. If you saturate the color by 10%, you get **195, 226, 192**, and if you desaturate by 10%, it is **226, 227, 238**.

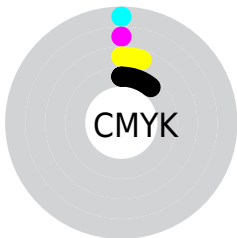
Distribution



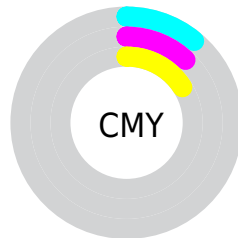
- Red (89%)
- Green (88%)
- Blue (84%)



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



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



- Cyan (11%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 216, 226, 215 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 216, 226, 215 by changing the saturation by 10% instead.

■ 216, 226, 215

255, 255, 255

■ 216, 226, 215

■ 188, 198, 187

■ 161, 171, 160

■ 135, 144, 134

■ 110, 119, 109

■ 86, 94, 85

■ 61, 70, 61

■ 41, 48, 40

■ 19, 27, 19

■ 0, 0, 0

 216, 226, 215

 216, 226, 215

 195, 226, 192

 226, 227, 238

 175, 226, 170

 226, 229, 255

 155, 226, 147

 226, 230, 255

 134, 226, 125

 226, 232, 255

 113, 226, 102

 226, 232, 255

 92, 226, 79

 226, 233, 255

 72, 226, 57

 226, 234, 255

 51, 226, 34

 226, 235, 255

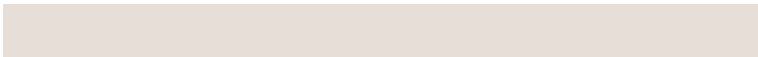
 32, 226, 12

 226, 236, 255

Harmonies

Analogous

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



231, 231, 215



216, 226, 215



218, 227, 225

Triad

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



216, 226, 215



214, 222, 232



234, 222, 227

Complementary

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



216, 226, 215



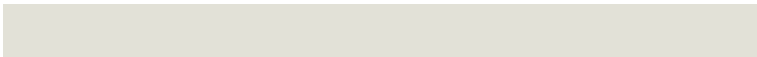
215, 216, 226

Split Complementary

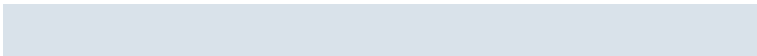
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229, 223, 232



216, 226, 215



217, 223, 234

Square

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



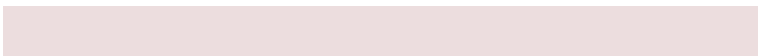
216, 226, 215



213, 221, 228



223, 224, 234



236, 221, 222

Rectangle

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



216, 226, 215



217, 225, 227



223, 224, 234



232, 222, 229

Sweetspot

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



216, 226, 215



252, 255, 252



226, 215, 216



128, 128, 126



0, 0, 0



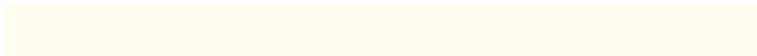
128, 128, 128

Same Dimension

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



216, 226, 215



241, 255, 240



215, 226, 220



104, 112, 104



16, 176, 0



4, 48, 0

Inverse Universe

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



215, 216, 226



240, 241, 255



220, 215, 226



104, 105, 112



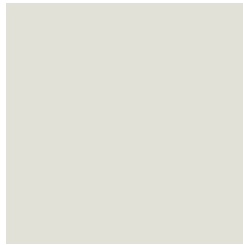
0, 14, 176



0, 4, 48

Previews

White Background



This preview shows how the RYB color 216, 226, 215 looks on a white background.

Color Contrast Check

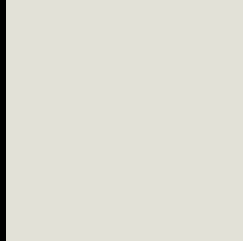
Large Text (above 18pt) WCAG AA × Fail

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 216, 226, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

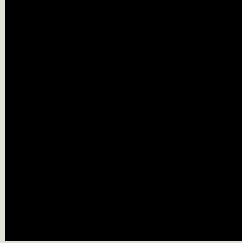
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

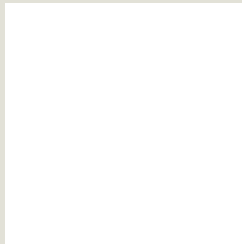
Any Text WCAG AAA ✓ Pass

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

RYB 216, 226, 215 Background



This preview shows how black text looks on a background with the RYB color 216, 226, 215.

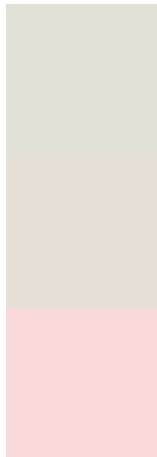


This preview shows how white text looks on a background with the RYB color 216, 226, 215.

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
216, 226, 215

Protanopia
226, 231, 214

Deuteranopia
249, 217, 217



Tritanopia
230, 221, 239

Trichromacy



Original Color

216, 226, 215

Protanomaly

222, 229, 214

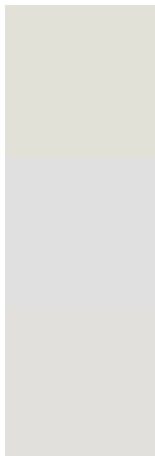
Deuteranomaly

241, 221, 216

Tritanomaly

229, 222, 230

Monochromacy



Original Color

216, 226, 215

Achromatopsia

224, 224, 224

Achromatomaly

222, 225, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 216, 226, 215 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, 225, 215) looks like.

```
.text, #text, p{  
    color:rgb(226, 225, 215)  
}
```

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, 225, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 225, 215) }
```

Border

The CSS property to change the border of an element to RYB 216, 226, 215 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, 225, 215) }
```

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

```
.border{ border-color:rgb(226, 225, 215) }
```

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

Here you see how a box with a 4 pixel rgb(226, 225, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 225, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 225, 215);  
box-shadow:4px 4px 4px 4px rgb(226, 225,  
215) }
```

Background

The CSS property to change the background color of an element to RYB 216, 226, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 225, 215) }
```

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

```
.background{ background-color: rgb(226,  
225, 215) }
```

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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