

Converting Colors

`RYB(222, 226, 192)`

Have a look what the booklet for
RYB(222, 226, 192) contains.

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Color

R_YB(222, 226, 192)

Conversions

Conversions Part 1

Format	Color
Hex	E2D2C0
RGB	226, 210, 192
RGB Percent	89%, 82%, 75%
CMY	0.1137, 0.1762, 0.2471
CMYK	0.00, 0.07, 0.15, 0.11
HSL	32°, 37%, 82%
HSV	32°, 15%, 89%
XYZ	63.9405, 66.0986, 59.2574
YIQ	212.7320, 15.3140, -2.2060

Conversions

Conversions Part 2

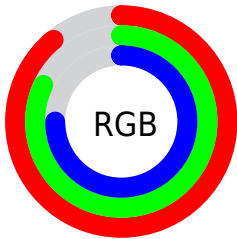
Format	Color
R _Y B	222, 226, 192
Decimal	14865088
CIE Lab	85.05, 2.56, 10.93
CIE LCh	85, 11.226, 76.800
Yxy	66.0986, 0.3378, 0.3492
Android (android.graphics.Color)	4293055168 (0xFFE2D2C0)
YUV	212.7320, -10.2209, 11.6360
Hunter-Lab	81.3010, -1.8926, 13.6963

Details

The RYB color **222, 226, 192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **192, 203, 226**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **248, 255, 248**, and **165, 170, 139** is the 20% darker color. If you saturate the color by 10%, you get **220, 226, 169**, and if you desaturate by 10%, it is **224, 226, 215**.

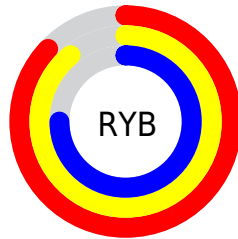
Distribution



Red (89%)

Green (82%)

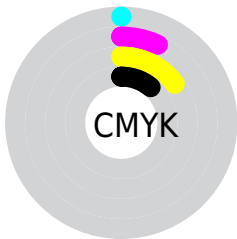
Blue (75%)



Red (87%)

Yellow (89%)

Blue (75%)

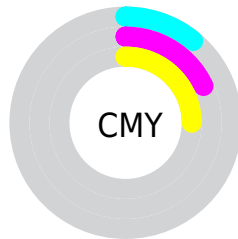


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (11%)



Cyan (11%)

Magenta (18%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 222, 226, 192 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 222, 226, 192 by changing the saturation by 10% instead.

 222, 226, 192

255, 255, 255

 248, 255, 248

 222, 226, 192

 196, 198, 165

 165, 170, 139

 139, 144, 113

 113, 118, 89

 89, 93, 65

 62, 69, 43

 39, 46, 22

 22, 27, 0

 0, 0, 0

 222, 226, 192

 222, 226, 192

 220, 226, 169

 224, 226, 215

 217, 226, 147

 226, 229, 237

 215, 226, 124

 226, 236, 255


 211, 226, 102


 226, 240, 255

 209, 226, 79

 226, 241, 255

 204, 226, 56

 203, 226, 34

 201, 226, 11

 200, 226, 0

Harmonies

Analogous

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



234, 211, 197



222, 226, 192



193, 215, 192

Triad

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



222, 226, 192



186, 203, 219



222, 208, 227

Complementary

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



222, 226, 192



192, 203, 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.



209, 211, 233



222, 226, 192



188, 205, 227

Square

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



222, 226, 192



192, 208, 218



196, 209, 233



231, 206, 218

Rectangle

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



222, 226, 192



195, 216, 204



196, 209, 233



218, 209, 229

Sweetspot

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



222, 226, 192



253, 255, 242



226, 192, 208



128, 128, 120



0, 0, 0



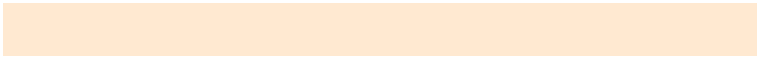
128, 128, 128

Same Dimension

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



222, 226, 192



251, 255, 209



192, 226, 193



110, 112, 101



157, 176, 0



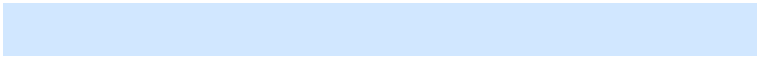
41, 48, 0

Inverse Universe

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



192, 203, 226



209, 224, 255



193, 192, 226



101, 104, 112



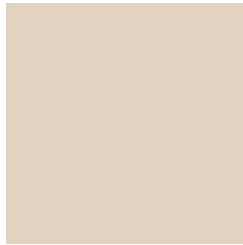
0, 56, 176



0, 16, 48

Previews

White Background



This preview shows how the RYB color 222, 226, 192 looks on a white background.

Color Contrast Check

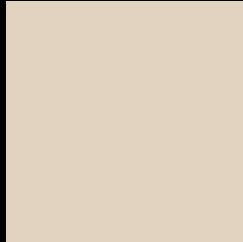
Large Text (above 18pt) WCAG AA × Fail

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 222, 226, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

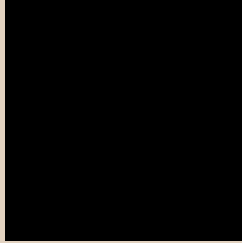
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

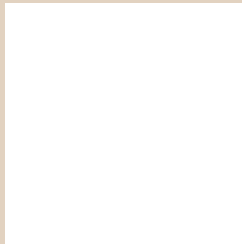
Any Text WCAG AAA ✓ Pass

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

RYB 222, 226, 192 Background



This preview shows how black text looks on a background with the RYB color 222, 226, 192.



This preview shows how white text looks on a background with the RYB color 222, 226, 192.

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](#).

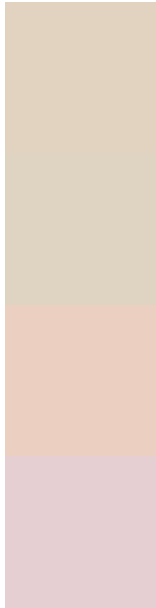
Dichromacy





Tritanopia
230, 206, 222

Trichromacy



Original Color

222, 226, 192

Protanomaly

213, 223, 193

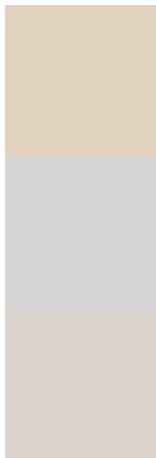
Deuteranomaly

235, 214, 193

Tritanomaly

229, 207, 211

Monochromacy



Original Color

222, 226, 192

Achromatopsia

213, 213, 213

Achromatomaly

216, 218, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 222, 226, 192 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, 210, 192)` looks like.

```
.text, #text, p{  
    color:rgb(226, 210, 192)  
}
```

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, 210, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 210, 192) }
```

Border

The CSS property to change the border of an element to RYB 222, 226, 192 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, 210, 192) }
```

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

```
.border{ border-color:rgb(226, 210, 192) }
```

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

Here you see how a box with a 4 pixel rgb(226, 210, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 210, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 210, 192);  
box-shadow:4px 4px 4px 4px rgb(226, 210,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 222, 226, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 210, 192) }
```

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

```
.background{ background-color: rgb(226,  
210, 192) }
```

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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