

Converting Colors

`RYB(224, 240, 194)`

Have a look what the booklet for
RYB(224, 240, 194) contains.

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Color

RYB(224, 240, 194)

Conversions

Conversions Part 1

Format	Color
Hex	F0DEC2
RGB	240, 222, 194
RGB Percent	94%, 87%, 76%
CMY	0.0588, 0.1300, 0.2392
CMYK	0.00, 0.08, 0.19, 0.06
HSL	36°, 61%, 85%
HSV	36°, 19%, 94%
XYZ	71.7521, 74.5790, 61.6524
YIQ	224.1900, 19.7160, -4.8920

Conversions

Conversions Part 2

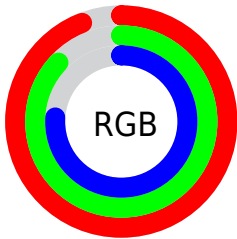
Format	Color
R _Y B	224, 240, 194
Decimal	15785666
CIE Lab	89.20, 1.84, 15.91
CIE LCh	89, 16.018, 83.399
Yxy	74.5790, 0.3450, 0.3586
Android (android.graphics.Color)	4293975746 (0xFFF0DEC2)
YUV	224.1900, -14.8837, 13.8654
Hunter-Lab	86.3591, -2.8204, 18.1239

Details

The RYB color **224, 240, 194** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **194, 207, 240**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **251, 255, 251**, and **168, 184, 140** is the 20% darker color. If you saturate the color by 10%, you get **217, 240, 170**, and if you desaturate by 10%, it is **233, 240, 218**.

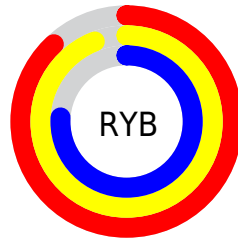
Distribution



Red (94%)

Green (87%)

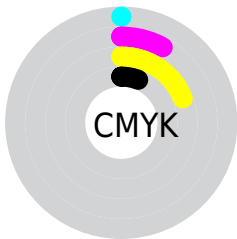
Blue (76%)



Red (88%)

Yellow (94%)

Blue (76%)

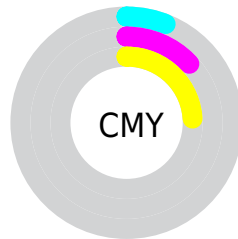


Cyan (0%)

Magenta (8%)

Yellow (19%)

Black (6%)



Cyan (6%)

Magenta (13%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 240, 194 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 224, 240, 194 by changing the saturation by 10% instead.

 224, 240, 194

255, 255, 255

 251, 255, 251

 224, 240, 194

 195, 211, 167

 168, 184, 140

 144, 157, 115

 114, 130, 90

 92, 105, 67

 64, 80, 44

 40, 56, 23

 18, 36, 0

 0, 0, 0

■ 224, 240, 194

■ 224, 240, 194

■ 217, 240, 170

■ 233, 240, 218

■ 207, 240, 146

■ 240, 241, 242

■ 200, 240, 122

■ 240, 246, 255

■ 190, 240, 98

■ 240, 248, 255

■ 184, 240, 74

■ 174, 240, 50

■ 164, 240, 26

■ 157, 240, 2

■ 157, 240, 0

Harmonies

Analogous

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



252, 225, 200



224, 240, 194



196, 227, 200

Triad

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



224, 240, 194



185, 210, 236



241, 217, 242

Complementary

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



224, 240, 194



194, 207, 240

Split Complementary

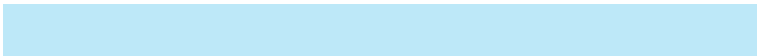
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223, 221, 252



224, 240, 194



189, 214, 248

Square

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



224, 240, 194



192, 216, 233



204, 219, 254



253, 214, 228

Rectangle

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



224, 240, 194



202, 230, 220



204, 219, 254



235, 218, 246

Sweetspot

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



224, 240, 194



250, 255, 240



240, 194, 212



126, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



224, 240, 194



234, 255, 196



194, 240, 199



117, 120, 108



121, 184, 0



36, 56, 0

Inverse Universe

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



194, 207, 240



196, 213, 255



199, 194, 240



108, 112, 120



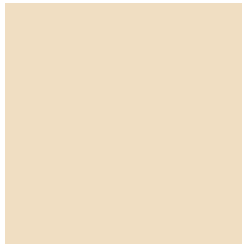
0, 52, 184



0, 16, 56

Previews

White Background



This preview shows how the RYB color 224, 240, 194 looks on a white background.

Color Contrast Check

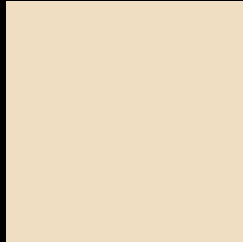
Large Text (above 18pt) WCAG AA × Fail

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 224, 240, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

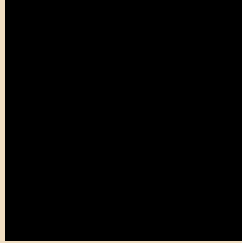
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

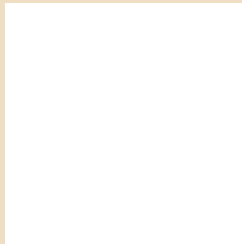
Any Text WCAG AAA ✓ Pass

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

RYB 224, 240, 194 Background



This preview shows how black text looks on a background with the RYB color 224, 240, 194.



This preview shows how white text looks on a background with the RYB color 224, 240, 194.

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
224, 240, 194

Protanopia
210, 235, 195

Deuteranopia
255, 226, 196



Tritanopia
245, 216, 233

Trichromacy



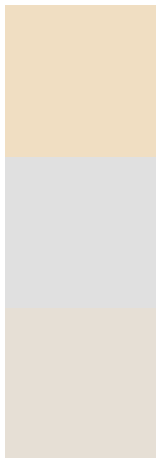
Original Color
224, 240, 194

Protanomaly
216, 237, 195

Deuteranomaly
250, 235, 195

Tritanomaly
243, 218, 219

Monochromacy



Original Color
224, 240, 194

Achromatopsia
224, 224, 224

Achromatomaly
225, 230, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 240, 194 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(240, 222, 194) looks like.

```
.text, #text, p{  
    color:rgb(240, 222, 194)  
}
```

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(240, 222, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 222, 194) }
```

Border

The CSS property to change the border of an element to RYB 224, 240, 194 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(240, 222, 194) }
```

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

```
.border{ border-color:rgb(240, 222, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 222, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 222, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 222, 194);  
box-shadow:4px 4px 4px 4px rgb(240, 222,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 224, 240, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 222, 194) }
```

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

```
.background{ background-color: rgb(240,  
222, 194) }
```

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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