

Converting Colors

`RYB(240, 224, 214)`

Have a look what the booklet for
RYB(240, 224, 214) contains.

RYB(240, 224, 214)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(240, 224, 214)$

Conversions

Conversions Part 1

Format	Color
Hex	F0DDD6
RGB	240, 221, 214
RGB Percent	94%, 87%, 84%
CMY	0.0588, 0.1325, 0.1608
CMYK	0.00, 0.08, 0.11, 0.06
HSL	17°, 46%, 89%
HSV	17°, 11%, 94%
XYZ	73.9879, 75.2106, 74.2358
YIQ	225.8830, 13.5710, 1.8510

Conversions

Conversions Part 2

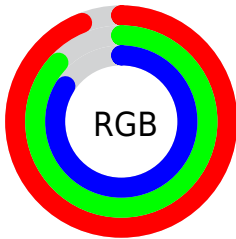
Format	Color
RYB	240, 224, 214
Decimal	15785430
CIELab	89.49, 5.25, 5.85
CIELCh	89, 7.860, 48.141
Yxy	75.2106, 0.3311, 0.3366
Android (android.graphics.Color)	4293975510 (0xFFF0DDD6)
YUV	225.8830, -5.8583, 12.3806
Hunter-Lab	86.7241, 0.5187, 9.9546

Details

The RYB color **240, 224, 214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **214, 225, 240**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is 255, 255, 255, and **184, 169, 159** is the 20% darker color. If you saturate the color by 10%, you get **240, 209, 190**, and if you desaturate by 10%, it is **240, 240, 238**.

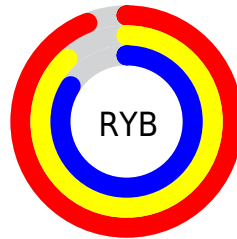
Distribution



Red (94%)

Green (87%)

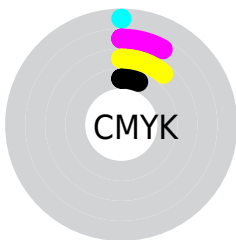
Blue (84%)



Red (94%)

Yellow (88%)

Blue (84%)

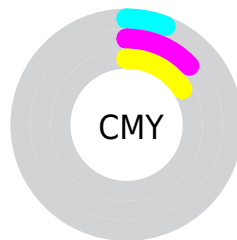


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (6%)



Cyan (6%)

Magenta (13%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 224, 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 240, 224, 214 by changing the saturation by 10% instead.

■ 240, 224, 214

255, 255, 255

■ 240, 224, 214

■ 212, 196, 186

■ 184, 169, 159

■ 157, 143, 133

■ 131, 116, 108

■ 105, 92, 84

■ 81, 68, 61

■ 58, 46, 39

■ 36, 27, 18


■ 8, 0, 0

 240, 224, 214


 240, 224, 214


 240, 209, 190


 240, 240, 238


 240, 195, 166


 240, 248, 255


 240, 179, 142

 240, 165, 118

 240, 151, 94

 240, 135, 70

 240, 121, 46

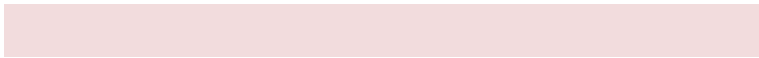
 240, 107, 22

 240, 93, 0

Harmonies

Analogous

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



242, 220, 221



240, 224, 214



230, 234, 210

Triad

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



240, 224, 214



210, 222, 229



223, 224, 239

Complementary

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



240, 224, 214



214, 225, 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.



214, 222, 239



240, 224, 214



207, 218, 229

Square

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



240, 224, 214



215, 228, 225



208, 220, 236



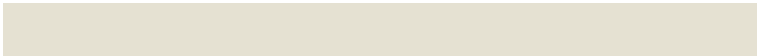
232, 222, 235

Rectangle

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



240, 224, 214



215, 229, 210



208, 220, 236



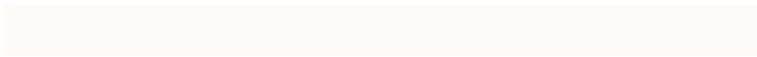
220, 224, 240

Sweetspot

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



240, 224, 214



255, 250, 247



240, 214, 233



128, 125, 122



0, 0, 0



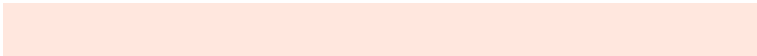
128, 128, 128

Same Dimension

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



240, 224, 214



255, 234, 222



222, 240, 214



120, 112, 108



184, 71, 0



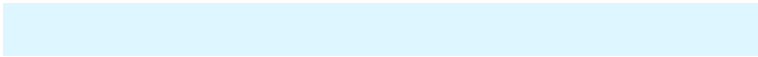
56, 22, 0

Inverse Universe

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



214, 225, 240



222, 236, 255



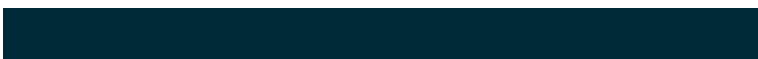
214, 219, 240



108, 113, 120



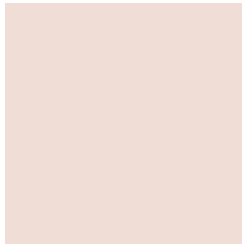
0, 77, 184



0, 24, 56

Previews

White Background



This preview shows how the RYB color 240, 224, 214 looks on a white background.

Color Contrast Check

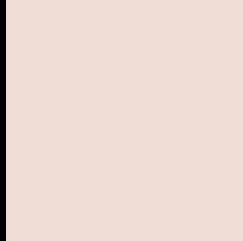
Large Text (above 18pt) WCAG AA × Fail

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 240, 224, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

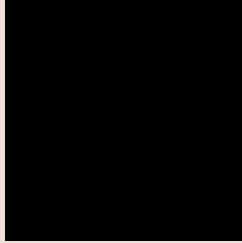
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

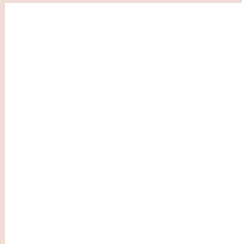
Any Text WCAG AAA ✓ Pass

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

RYB 240, 224, 214 Background



This preview shows how black text looks on a background with the RYB color 240, 224, 214.




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

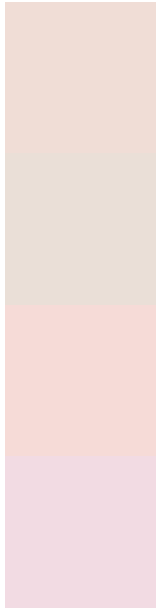
	Original Color 240, 224, 214
	Protanopia 229, 231, 216
	Deuteranopia 250, 217, 215



Tritanopia

243, 218, 235

Trichromacy



Original Color

240, 224, 214

Protanomaly

234, 229, 215

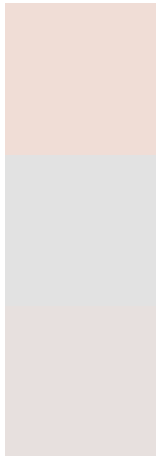
Deuteranomaly

246, 220, 215

Tritanomaly

242, 219, 227

Monochromacy



Original Color

240, 224, 214

Achromatopsia

226, 226, 226

Achromatomaly

231, 225, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 224, 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(240, 221, 214) looks like.

```
.text, #text, p{  
    color:rgb(240, 221, 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(240, 221, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 221, 214) }
```

Border

The CSS property to change the border of an element to RYB 240, 224, 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(240, 221, 214) }
```

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

```
.border{ border-color:rgb(240, 221, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 221, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 221, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 221, 214);  
box-shadow:4px 4px 4px 4px rgb(240, 221,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 240, 224, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 221, 214) }
```

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

```
.background{ background-color: rgb(240,  
221, 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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