

Converting Colors

`RYB(224, 210, 244)`

Have a look what the booklet for
RYB(224, 210, 244) contains.

RYB(224, 210, 244)	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

R_YB(224, 210, 244)

Conversions

Conversions Part 1

Format	Color
Hex	E0D2F4
RGB	224, 210, 244
RGB Percent	88%, 82%, 96%
CMY	0.1216, 0.1765, 0.0431
CMYK	0.08, 0.14, 0.00, 0.04
HSL	265°, 61%, 89%
HSV	265°, 14%, 96%
XYZ	70.1162, 68.4721, 95.1089
YIQ	218.0620, -2.5700, 13.5420

Conversions

Conversions Part 2

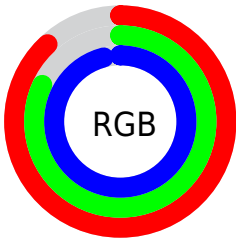
Format	Color
R _Y B	224, 210, 244
Decimal	14734068
CIE Lab	86.24, 11.08, -14.90
CIE LCh	86, 18.574, 306.640
Yxy	68.4721, 0.3000, 0.2930
Android (android.graphics.Color)	4292924148 (0xFFE0D2F4)
YUV	218.0620, 12.7874, 5.2076
Hunter-Lab	82.7479, 6.4427, -10.2233

Details

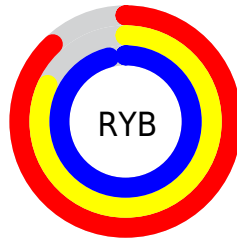
The RYB color **224, 210, 244** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **210, 244, 224**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is 255, 255, 255, and **169, 156, 188** is the 20% darker color. If you saturate the color by 10%, you get **210, 186, 244**, and if you desaturate by 10%, it is **238, 234, 244**.

Distribution



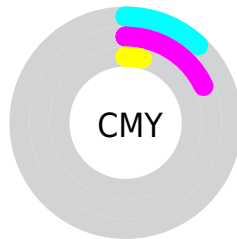
- Red (88%)
- Green (82%)
- Blue (96%)



- Red (88%)
- Yellow (82%)
- Blue (96%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



- Cyan (12%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 210, 244 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, 210, 244 by changing the saturation by 10% instead.

■ 224, 210, 244

255, 255, 255

■ 224, 210, 244

■ 196, 182, 216

■ 169, 156, 188

■ 142, 129, 161

■ 116, 104, 135

■ 92, 80, 109

■ 68, 57, 85


■ 45, 36, 62

■ 24, 15, 40

■ 0, 1, 18

 224, 210, 244


 224, 210, 244

 210, 186, 244


 238, 234, 244

 195, 161, 244

 244, 255, 246

 181, 137, 244

 244, 255, 244


 167, 112, 244

 152, 88, 244

 138, 64, 244

 124, 39, 244

 109, 15, 244

 100, 0, 244

Harmonies

Analogous

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



201, 212, 250



224, 210, 244



242, 205, 230

Triad

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



224, 210, 244



242, 231, 184



173, 201, 226

Complementary

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



224, 210, 244



210, 244, 224

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.



186, 214, 225



224, 210, 244



194, 226, 181

Square

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



224, 210, 244



252, 207, 196



187, 221, 202



170, 200, 236

Rectangle

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



224, 210, 244



250, 204, 218



187, 221, 202



176, 205, 226

Sweetspot

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



224, 210, 244



249, 245, 255



210, 223, 244



124, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



224, 210, 244



230, 212, 255



241, 210, 244



115, 110, 122



77, 0, 186



24, 0, 59

Inverse Universe

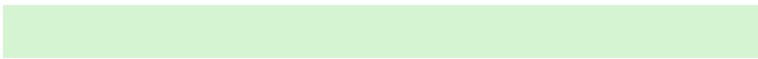
The Inverse Universe completely reimagines the original color for something new.



244, 210, 230



255, 212, 237



210, 244, 241



122, 110, 117



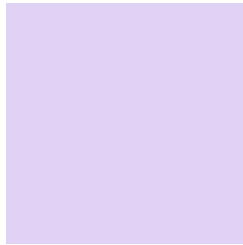
186, 0, 109



59, 0, 34

Previews

White Background



This preview shows how the RYB color 224, 210, 244 looks on a white background.

Color Contrast Check

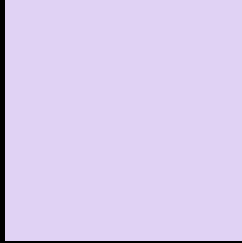
Large Text (above 18pt) WCAG AA × Fail

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, 210, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

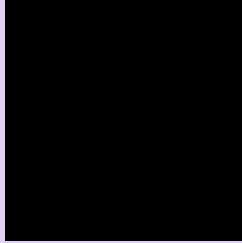
Any Text WCAG AA ✓ Pass

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, 210, 244 Background



This preview shows how black text looks on a background with the RYB color 224, 210, 244.



This preview shows how white text looks on a background with the RYB color 224, 210, 244.

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, 210, 244

Protanopia
210, 214, 247

Deuteranopia
223, 210, 244



Tritanopia

222, 212, 229

Trichromacy



Original Color
224, 210, 244

Protanomaly
215, 213, 246

Deuteranomaly
223, 210, 244

Tritanomaly
223, 211, 234

Monochromacy



Original Color
224, 210, 244

Achromatopsia
218, 218, 218

Achromatomaly
220, 215, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 210, 244 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(224, 210, 244)` looks like.

```
.text, #text, p{  
    color:rgb(224, 210, 244)  
}
```

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(224, 210, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 210, 244) }
```

Border

The CSS property to change the border of an element to RYB 224, 210, 244 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(224, 210, 244) }
```

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

```
.border{ border-color:rgb(224, 210, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 210, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 210, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 210, 244);  
box-shadow:4px 4px 4px 4px rgb(224, 210,  
244) }
```

Background

The CSS property to change the background color of an element to RYB 224, 210, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 210, 244) }
```

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

```
.background{ background-color: rgb(224,  
210, 244) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor