

Converting Colors

`RYB(220, 242, 215)`

Have a look what the booklet for
RYB(220, 242, 215) contains.

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Color

R_YB(220, 242, 215)

Conversions

Conversions Part 1

Format	Color
Hex	F2EED7
RGB	242, 238, 215
RGB Percent	95%, 93%, 84%
CMY	0.0510, 0.0675, 0.1569
CMYK	0.00, 0.02, 0.11, 0.05
HSL	51°, 51%, 90%
HSV	51°, 11%, 95%
XYZ	79.3946, 84.8053, 76.4745
YIQ	236.5740, 9.7670, -6.3050

Conversions

Conversions Part 2

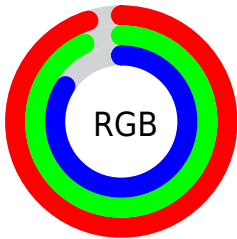
Format	Color
R_{YB}	220, 242, 215
Decimal	15920855
CIE _{Lab}	93.80, -2.38, 11.53
CIE _{LCh}	94, 11.772, 101.668
Yxy	84.8053, 0.3299, 0.3524
Android (android.graphics.Color)	4294110935 (0xFFFF2EED7)
YUV	236.5740, -10.6360, 4.7586
Hunter-Lab	92.0898, -7.2646, 15.2264

Details

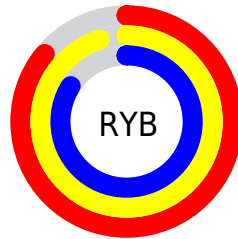
The RYB color **220, 242, 215** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **215, 218, 242**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **165, 186, 160** is the 20% darker color. If you saturate the color by 10%, you get **200, 242, 191**, and if you desaturate by 10%, it is **239, 242, 239**.

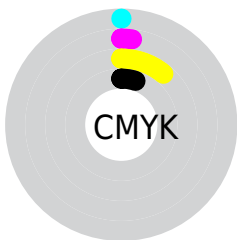
Distribution



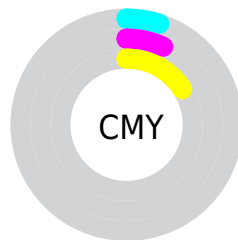
- Red (95%)
- Green (93%)
- Blue (84%)



- Red (86%)
- Yellow (95%)
- Blue (84%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 220, 242, 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 220, 242, 215 by changing the saturation by 10% instead.

■ 220, 242, 215

255, 255, 255

■ 220, 242, 215

■ 192, 214, 187

■ 165, 186, 160

■ 139, 159, 134

■ 114, 133, 109

■ 87, 107, 84

■ 64, 83, 61

■ 43, 60, 39

■ 21, 38, 19

■ 1, 15, 0

220, 242, 215

220, 242, 215

200, 242, 191

239, 242, 239

181, 242, 167

242, 244, 255

161, 242, 142

242, 247, 255

140, 242, 118

242, 248, 255

121, 242, 94

242, 249, 255

102, 242, 70

83, 242, 46

61, 242, 21

45, 242, 0

Harmonies

Analogous

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



253, 251, 216



220, 242, 215



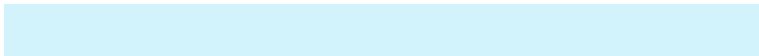
220, 241, 232

Triad

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



220, 242, 215



210, 228, 252



255, 230, 245

Complementary

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



220, 242, 215



215, 218, 242

Split Complementary

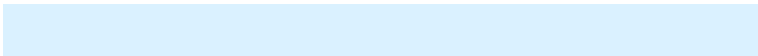
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245, 233, 254



220, 242, 215



218, 232, 255

Square

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



220, 242, 215



210, 228, 244



231, 236, 255



255, 230, 233

Rectangle

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



220, 242, 215



221, 239, 243



231, 236, 255



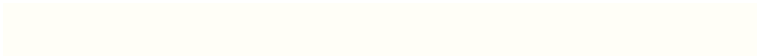
253, 231, 248

Sweetspot

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



220, 242, 215



248, 255, 247



242, 215, 219



123, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



220, 242, 215



228, 255, 222



215, 242, 224



110, 120, 108



34, 184, 0



11, 56, 0

Inverse Universe

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



215, 218, 242



222, 226, 255



224, 215, 242



108, 110, 120



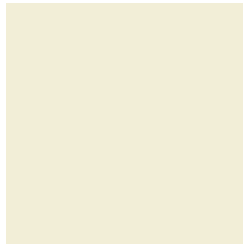
0, 25, 184



0, 8, 56

Previews

White Background



This preview shows how the RYB color 220, 242, 215 looks on a white background.

Color Contrast Check

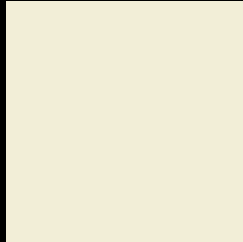
Large Text (above 18pt) WCAG AA × Fail

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 220, 242, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

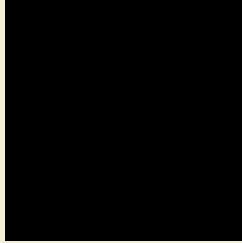
Any Text WCAG AA ✓ Pass

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 220, 242, 215 Background



This preview shows how black text looks on a background with the RYB color 220, 242, 215.

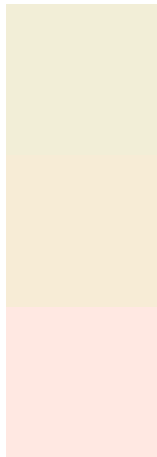


This preview shows how white text looks on a background with the RYB color 220, 242, 215.

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
220, 242, 215

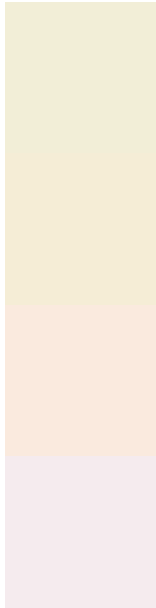
Protanopia
231, 247, 214

Deuteranopia
255, 234, 226



Tritanopia
247, 233, 251

Trichromacy



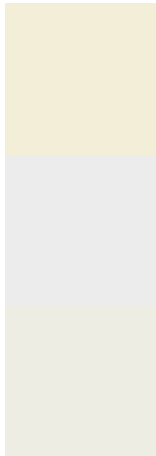
Original Color
220, 242, 215

Protanomaly
225, 245, 214

Deuteranomaly
250, 243, 222

Tritanomaly
245, 235, 238

Monochromacy



Original Color
220, 242, 215

Achromatopsia
236, 236, 236

Achromatomaly
229, 238, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 220, 242, 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(242, 238, 215) looks like.

```
.text, #text, p{  
    color:rgb(242, 238, 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(242, 238, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 238, 215) }
```

Border

The CSS property to change the border of an element to RYB 220, 242, 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(242, 238, 215) }
```

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

```
.border{ border-color:rgb(242, 238, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 238, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 238, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 238, 215); box-shadow:4px 4px 4px 4px rgb(242, 238, 215) }
```

Background

The CSS property to change the background color of an element to RGB 220, 242, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 238, 215) }
```

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

```
.background{ background-color: rgb(242,  
238, 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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