

Converting Colors

`RYB(240, 242, 155)`

Have a look what the booklet for
RYB(240, 242, 155) contains.

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Color

R_YB(240, 242, 155)

Conversions

Conversions Part 1

Format	Color
Hex	F2C79B
RGB	242, 199, 155
RGB Percent	95%, 78%, 61%
CMY	0.0510, 0.2196, 0.3922
CMYK	0.00, 0.18, 0.36, 0.05
HSL	30°, 77%, 78%
HSV	30°, 36%, 95%
XYZ	62.9591, 62.0933, 39.6773
YIQ	206.8410, 39.7520, -4.5680

Conversions

Conversions Part 2

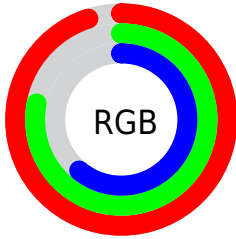
Format	Color
RYB	240, 242, 155
Decimal	15910811
CIELab	82.96, 9.29, 27.77
CIELCh	83, 29.286, 71.502
Yxy	62.0933, 0.3822, 0.3769
Android (android.graphics.Color)	4294100891 (0xFFFF2C79B)
YUV	206.8410, -25.5576, 30.8344
Hunter-Lab	78.7993, 4.7192, 25.3057

Details

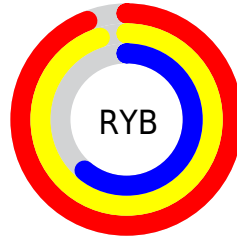
The RYB color **240, 242, 155** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **155, 184, 242**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **210, 255, 210**, and **178, 184, 103** is the 20% darker color. If you saturate the color by 10%, you get **240, 242, 131**, and if you desaturate by 10%, it is **240, 242, 179**.

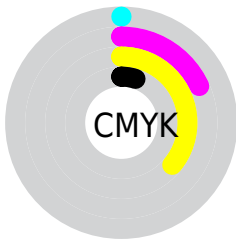
Distribution



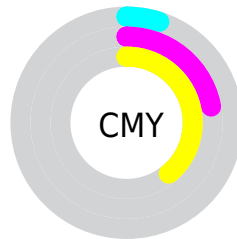
- Red (95%)
- Green (78%)
- Blue (61%)



- Red (94%)
- Yellow (95%)
- Blue (61%)



- Cyan (0%)
- Magenta (18%)
- Yellow (36%)
- Black (5%)



- Cyan (5%)
- Magenta (22%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 242, 155 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, 242, 155 by changing the saturation by 10% instead.

 240, 242, 155

 240, 242, 155


255, 255, 255

 209, 213, 129

 210, 255, 210

 178, 184, 103

 238, 255, 238

 149, 157, 79

 120, 129, 56

 92, 103, 33

 60, 77, 11

 47, 53, 0

 29, 3, 0

 0, 0, 0

 240, 242, 155

 240, 242, 155

 240, 242, 131

 240, 242, 179

 240, 242, 107


 240, 242, 203

 238, 242, 82


 242, 242, 228

 238, 242, 58

 242, 245, 252

 238, 242, 34

 242, 249, 255

 238, 242, 10

 238, 242, 0

Harmonies

Analogous

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



255, 197, 171



240, 242, 155



161, 216, 152

Triad

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



240, 242, 155



130, 177, 222



224, 196, 248

Complementary

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



240, 242, 155



155, 184, 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.



188, 202, 255



240, 242, 155



127, 178, 242

Square

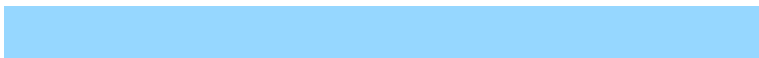
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240, 242, 155



154, 198, 221



150, 190, 255



251, 189, 225

Rectangle

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



240, 242, 155



159, 214, 177



150, 190, 255



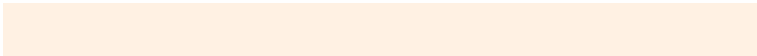
213, 199, 253

Sweetspot

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



240, 242, 155



255, 255, 227



242, 155, 198



128, 126, 111



0, 0, 0



128, 128, 128

Same Dimension

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



240, 242, 155



251, 255, 145



155, 242, 155



120, 120, 108



180, 184, 0



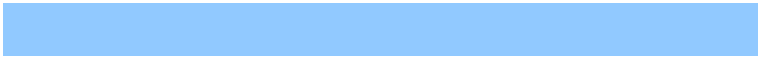
56, 56, 0

Inverse Universe

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



155, 184, 242



145, 182, 255



155, 155, 242



108, 112, 120



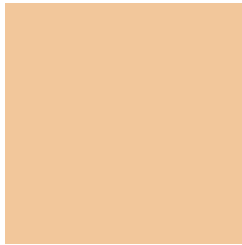
0, 61, 184



0, 19, 56

Previews

White Background



This preview shows how the RYB color 240, 242, 155 looks on a white background.

Color Contrast Check

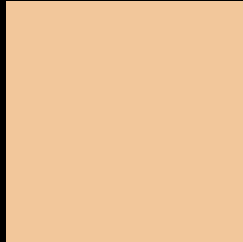
Large Text (above 18pt) WCAG AA × Fail

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, 242, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

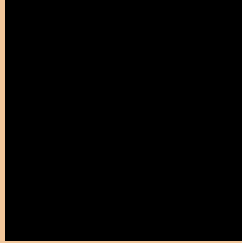
Any Text WCAG AA ✓ Pass

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, 242, 155 Background



This preview shows how black text looks on a background with the RYB color 240, 242, 155.



This preview shows how white text looks on a background with the RYB color 240, 242, 155.

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, 242, 155

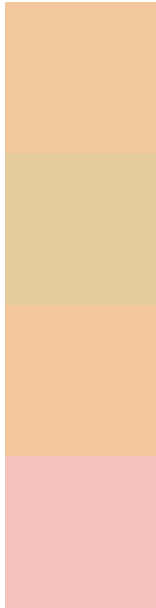
Protanopia
176, 221, 158

Deuteranopia
244, 238, 155



Tritanopia
247, 192, 207

Trichromacy



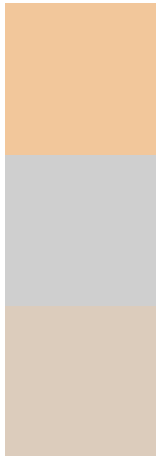
Original Color
240, 242, 155

Protanomaly
195, 229, 157

Deuteranomaly
243, 239, 155

Tritanomaly
245, 196, 188

Monochromacy



Original Color
240, 242, 155

Achromatopsia
207, 207, 207

Achromatomaly
220, 220, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 242, 155 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, 199, 155)` looks like.

```
.text, #text, p{  
    color:rgb(242, 199, 155)  
}
```

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, 199, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 199, 155) }
```

Border

The CSS property to change the border of an element to RYB 240, 242, 155 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, 199, 155) }
```

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

```
.border{ border-color:rgb(242, 199, 155) }
```

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

Here you see how a box with a 4 pixel rgb(242, 199, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 199, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 199, 155);  
box-shadow:4px 4px 4px 4px rgb(242, 199,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 242, 199, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 199, 155) }
```

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

```
.background{ background-color: rgb(242,  
199, 155) }
```

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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