

Converting Colors

`RYB(160, 241, 144)`

Have a look what the booklet for
RYB(160, 241, 144) contains.

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Color

R_YB(160, 241, 144)

Conversions

Conversions Part 1

Format	Color
Hex	F1E390
RGB	241, 227, 144
RGB Percent	95%, 89%, 56%
CMY	0.0549, 0.1088, 0.4353
CMYK	0.00, 0.06, 0.40, 0.05
HSL	52°, 78%, 75%
HSV	52°, 40%, 95%
XYZ	68.8514, 75.7979, 37.3872
YIQ	221.7240, 34.9870, -22.8450

Conversions

Conversions Part 2

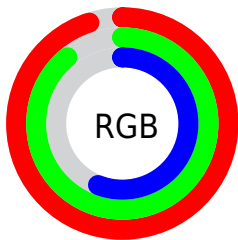
Format	Color
R _Y B	160, 241, 144
Decimal	15852432
CIE Lab	89.77, -6.84, 42.30
CIE LCh	90, 42.853, 99.178
Yxy	75.7979, 0.3782, 0.4164
Android (android.graphics.Color)	4294042512 (0xFFFF1E390)
YUV	221.7240, -38.3179, 16.9051
Hunter-Lab	87.0620, -11.1949, 35.4824

Details

The RYB color **160, 241, 144** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **144, 156, 241**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **199, 255, 199**, and **105, 183, 92** is the 20% darker color. If you saturate the color by 10%, you get **140, 241, 120**, and if you desaturate by 10%, it is **180, 241, 168**.

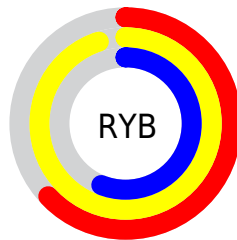
Distribution



Red (95%)

Green (89%)

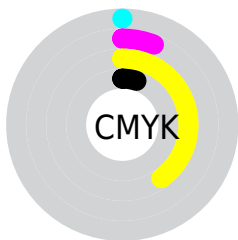
Blue (56%)



Red (63%)

Yellow (95%)

Blue (56%)

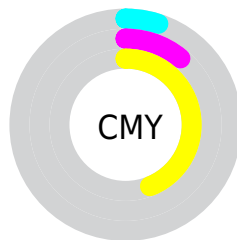


Cyan (0%)

Magenta (6%)

Yellow (40%)

Black (5%)



Cyan (5%)

Magenta (11%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 241, 144 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 160, 241, 144 by changing the saturation by 10% instead.


 160, 241, 144

 160, 241, 144


255, 255, 255


 133, 212, 118

 199, 255, 199

 105, 183, 92

 227, 255, 227

 78, 156, 67

 51, 128, 42

 24, 102, 16

 4, 76, 0

 2, 52, 0

 0, 29, 2


 0, 0, 0

 160, 241, 144

 160, 241, 144

 140, 241, 120

 180, 241, 168

 121, 241, 96

 200, 241, 192

 100, 241, 72

 219, 241, 216


 79, 241, 48

 240, 241, 240

 59, 241, 23

 241, 243, 255

 40, 241, 0

 241, 246, 255

 241, 247, 255

 241, 248, 255

Harmonies

Analogous

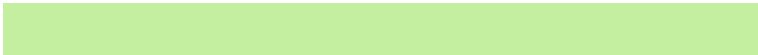
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220, 255, 150



160, 241, 144



161, 239, 204

Triad

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



160, 241, 144



76, 163, 255



255, 198, 255

Complementary

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



160, 241, 144



144, 156, 241

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.



247, 211, 255



160, 241, 144



123, 184, 255

Square

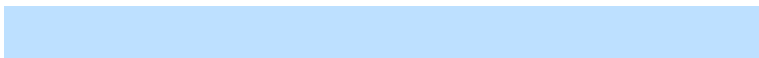
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



160, 241, 144



97, 175, 248



189, 212, 255



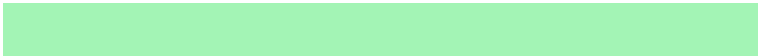
255, 194, 214

Rectangle

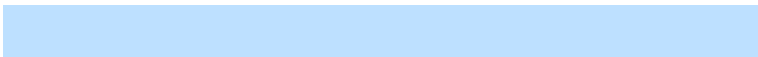
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



160, 241, 144



163, 229, 244



189, 212, 255



255, 202, 255

Sweetspot

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



160, 241, 144



229, 255, 224



241, 144, 159



114, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



160, 241, 144



153, 255, 133



144, 241, 178



110, 120, 108



30, 184, 0



9, 56, 0

Inverse Universe

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



144, 156, 241



133, 148, 255



178, 144, 241



108, 110, 120



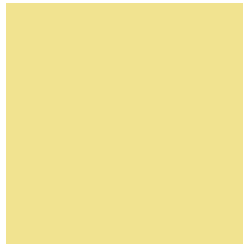
0, 23, 184



0, 7, 56

Previews

White Background



This preview shows how the RYB color 160, 241, 144 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 160, 241, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

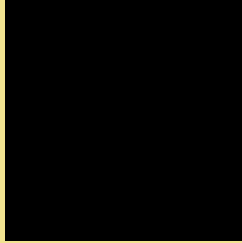
Any Text WCAG AA ✓ Pass

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 160, 241, 144 Background



This preview shows how black text looks on a background with the RYB color 160, 241, 144.



This preview shows how white text looks on a background with the RYB color 160, 241, 144.

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
160, 241, 144

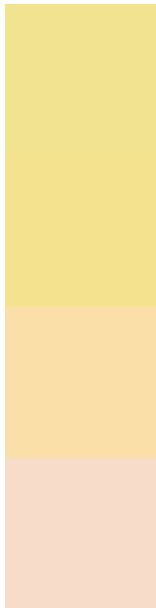
Protanopia
168, 246, 143

Deuteranopia
249, 255, 182



Tritanopia
251, 216, 233

Trichromacy



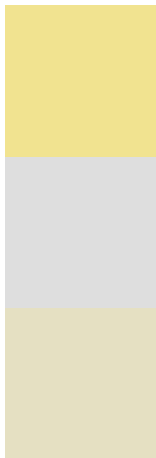
Original Color
160, 241, 144

Protanomaly
165, 244, 143

Deuteranomaly
208, 250, 168

Tritanomaly
247, 233, 201

Monochromacy



Original Color
160, 241, 144

Achromatopsia
222, 222, 222

Achromatomaly
200, 229, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 241, 144 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(241, 227, 144)` looks like.

```
.text, #text, p{  
    color:rgb(241, 227, 144)  
}
```

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(241, 227, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 227, 144) }
```

Border

The CSS property to change the border of an element to RYB 160, 241, 144 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(241, 227, 144) }
```

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

```
.border{ border-color:rgb(241, 227, 144) }
```

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

Here you see how a box with a 4 pixel rgb(241, 227, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 227, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 227, 144);  
box-shadow:4px 4px 4px 4px rgb(241, 227,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 160, 241, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 227, 144) }
```

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

```
.background{ background-color: rgb(241,  
227, 144) }
```

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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