

Converting Colors

`RYB(160, 246, 162)`

Have a look what the booklet for
RYB(160, 246, 162) contains.

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Color

R_YB(160, 246, 162)

Conversions

Conversions Part 1

Format	Color
Hex	F4F6A0
RGB	244, 246, 160
RGB Percent	96%, 96%, 63%
CMY	0.0431, 0.0353, 0.3725
CMYK	0.01, 0.00, 0.35, 0.04
HSL	61°, 83%, 80%
HSV	61°, 35%, 96%
XYZ	76.6092, 87.6827, 46.1444
YIQ	235.5980, 26.4140, -27.1700

Conversions

Conversions Part 2

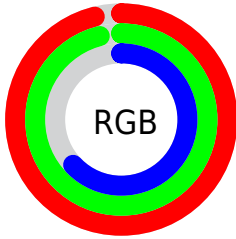
Format	Color
RYB	160, 246, 162
Decimal	16053920
CIELab	95.03, -13.25, 41.20
CIElCh	95, 43.276, 107.824
Yxy	87.6827, 0.3640, 0.4167
Android (android.graphics.Color)	4294244000 (0xFFFF4F6A0)
YUV	235.5980, -37.2698, 7.3686
Hunter-Lab	93.6390, -17.8316, 36.3298

Details

The RYB color **160, 246, 162** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **162, 160, 246**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **216, 255, 216**, and **107, 190, 110** is the 20% darker color. If you saturate the color by 10%, you get **135, 246, 138**, and if you desaturate by 10%, it is **185, 246, 186**.

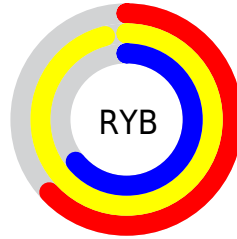
Distribution



Red (96%)

Green (96%)

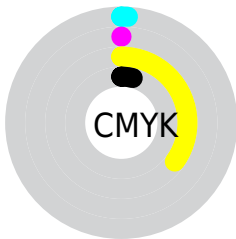
Blue (63%)



Red (63%)

Yellow (96%)

Blue (64%)

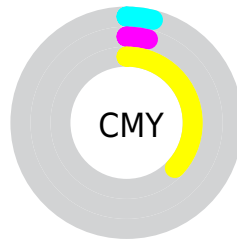


Cyan (1%)

Magenta (0%)

Yellow (35%)

Black (4%)



Cyan (4%)

Magenta (4%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 246, 162 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, 246, 162 by changing the saturation by 10% instead.

 160, 246, 162

255, 255, 255


 216, 255, 216

 244, 255, 244


 160, 246, 162

 133, 218, 136

 107, 190, 110

 82, 163, 86

 57, 137, 62

 32, 111, 38

 4, 87, 11

 0, 64, 8

 0, 42, 11

 0, 23, 23

 160, 246, 162

 160, 246, 162

 135, 246, 138

 185, 246, 186

 111, 246, 114

 209, 246, 210

 86, 246, 90

 234, 246, 234

 62, 246, 66

 246, 246, 255

 37, 246, 42

 247, 246, 255

 12, 246, 17

 248, 246, 255

 0, 246, 6

 249, 246, 255

Harmonies

Analogous

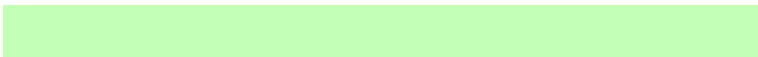
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



189, 255, 159



160, 246, 162



183, 255, 242

Triad

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



160, 246, 162



102, 179, 255



255, 211, 255

Complementary

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



160, 246, 162



162, 160, 246

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.



255, 221, 255



160, 246, 162



156, 204, 255

Square

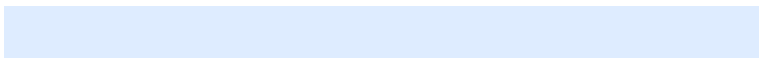
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



160, 246, 162



102, 179, 255



222, 232, 255



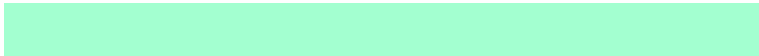
255, 210, 217

Rectangle

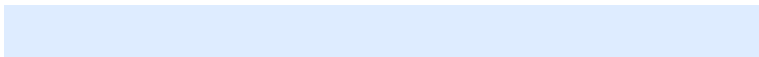
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



160, 246, 162



163, 225, 255



222, 232, 255



255, 213, 255

Sweetspot

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



160, 246, 162



230, 255, 231



246, 161, 160



112, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



160, 246, 162



148, 255, 150



160, 246, 204



110, 122, 110



0, 186, 4



0, 59, 2

Inverse Universe

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



162, 160, 246



150, 148, 255



204, 160, 246



110, 110, 122



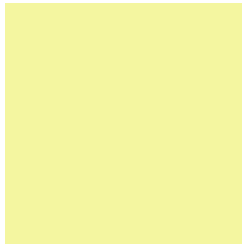
4, 0, 186



1, 0, 59

Previews

White Background



This preview shows how the RYB color 160, 246, 162 looks on a white background.

Color Contrast Check

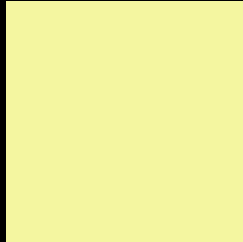
Large Text (above 18pt) WCAG AA × Fail

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, 246, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

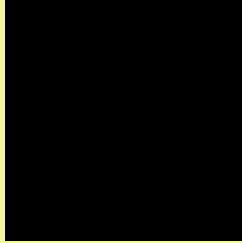
Any Text WCAG AA ✓ Pass

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, 246, 162 Background



This preview shows how black text looks on a background with the RYB color 160, 246, 162.

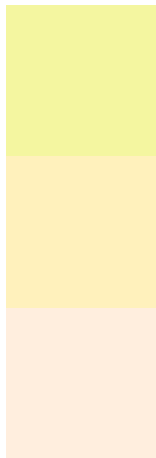


This preview shows how white text looks on a background with the RYB color 160, 246, 162.

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, 246, 162

Protanopia
206, 255, 188

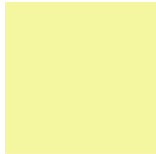
Deuteranopia
255, 253, 222



Tritanopia

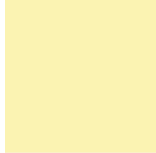
255, 235, 253

Trichromacy



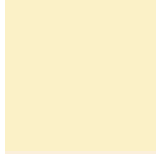
Original Color

160, 246, 162



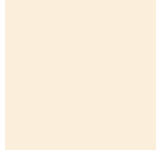
Protanomaly

187, 251, 178



Deuteranomaly

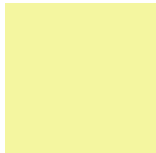
211, 251, 199



Tritanomaly

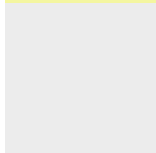
238, 251, 219

Monochromacy



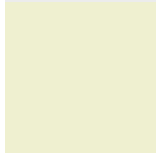
Original Color

160, 246, 162



Achromatopsia

236, 236, 236



Achromatomaly

208, 240, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 246, 162 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(244, 246, 160)` looks like.

```
.text, #text, p{  
    color:rgb(244, 246, 160)  
}
```

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(244, 246, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 246, 160) }
```

Border

The CSS property to change the border of an element to RYB 160, 246, 162 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(244, 246, 160) }
```

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

```
.border{ border-color:rgb(244, 246, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 246, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 246, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 246, 160);  
box-shadow:4px 4px 4px 4px rgb(244, 246,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 160, 246, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 246, 160) }
```

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

```
.background{ background-color: rgb(244,  
246, 160) }
```

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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