

Converting Colors

`RYB(118, 241, 118)`

Have a look what the booklet for
RYB(118, 241, 118) contains.

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Color

R_YB(118, 241, 118)

Conversions

Conversions Part 1

Format	Color
Hex	F1F176
RGB	241, 241, 118
RGB Percent	95%, 95%, 46%
CMY	0.0549, 0.0549, 0.5373
CMYK	0.00, 0.00, 0.51, 0.05
HSL	60°, 81%, 70%
HSV	60°, 51%, 95%
XYZ	71.0009, 82.9194, 29.4024
YIQ	226.9780, 39.4830, -38.2530

Conversions

Conversions Part 2

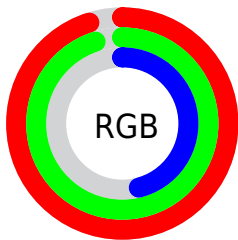
Format	Color
RYB	118, 241, 118
Decimal	15855990
CIELab	92.98, -16.06, 58.62
CIELCh	93, 60.784, 105.323
Yxy	82.9194, 0.3873, 0.4523
Android (android.graphics.Color)	4294046070 (0xFFFF1F176)
YUV	226.9780, -53.7262, 12.2973
Hunter-Lab	91.0601, -20.1759, 44.5979

Details

The RYB color **118, 241, 118** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **118, 118, 241**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **173, 255, 173**, and **64, 185, 66** is the 20% darker color. If you saturate the color by 10%, you get **94, 241, 94**, and if you desaturate by 10%, it is **142, 241, 142**.

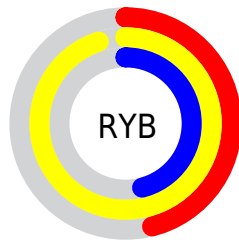
Distribution



Red (95%)

Green (95%)

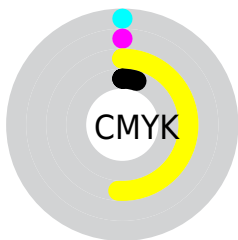
Blue (46%)



Red (46%)

Yellow (95%)

Blue (46%)

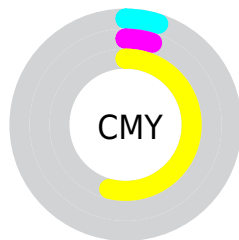


Cyan (0%)

Magenta (0%)

Yellow (51%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the RYB color 118, 241, 118 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 118, 241, 118 by changing the saturation by 10% instead.


 118, 241, 118

 118, 241, 118

255, 255, 255

 91, 213, 92


 173, 255, 173


 64, 185, 66


 201, 255, 201


 35, 158, 39


 230, 255, 230


 0, 132, 6

 0, 107, 8

 0, 83, 10

 0, 60, 13

 0, 38, 16

 0, 18, 18

 118, 241, 118

 118, 241, 118

 94, 241, 94

 142, 241, 142

 70, 241, 70

 166, 241, 166

 46, 241, 46

 190, 241, 190

 22, 241, 22

 214, 241, 214

 0, 241, 0

 238, 241, 238

 241, 241, 255

Harmonies

Analogous

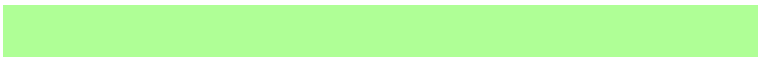
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



165, 255, 120



118, 241, 118



150, 255, 230

Triad

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



118, 241, 118



0, 128, 255



255, 190, 255

Complementary

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



118, 241, 118



118, 118, 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.



255, 208, 255



118, 241, 118



36, 144, 255

Square

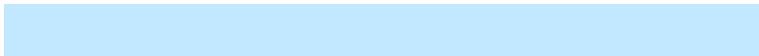
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



118, 241, 118



0, 128, 255



193, 217, 255



255, 187, 207

Rectangle

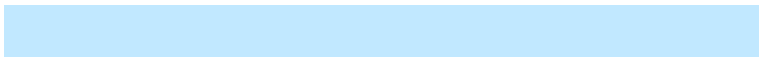
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



118, 241, 118



120, 212, 255



193, 217, 255



255, 195, 255

Sweetspot

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



118, 241, 118



217, 255, 217



241, 118, 118



105, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



118, 241, 118



99, 255, 99



118, 241, 180



108, 120, 108



0, 184, 0



0, 56, 0

Inverse Universe

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



118, 118, 241



99, 99, 255



179, 118, 241



108, 108, 120



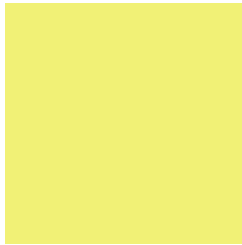
0, 0, 184



0, 0, 56

Previews

White Background



This preview shows how the RYB color 118, 241, 118 looks on a white background.

Color Contrast Check

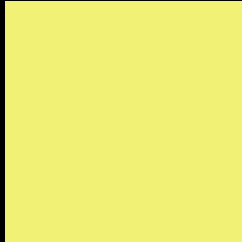
Large Text (above 18pt) WCAG AA × Fail

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 118, 241, 118 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](#).

R Y B 118, 241, 118 Background



This preview shows how black text looks on a background with the RYB color 118, 241, 118.

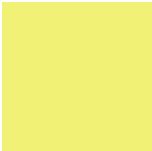
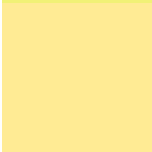
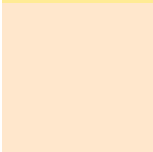


This preview shows how white text looks on a background with the RYB color 118, 241, 118.

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

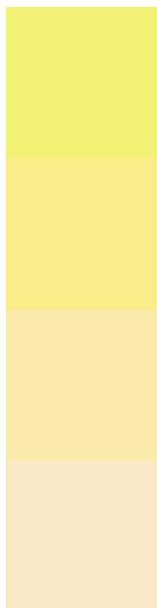
	Original Color 118, 241, 118
	Protanopia 173, 255, 148
	Deuteranopia 249, 255, 204



Tritanopia

254, 227, 245

Trichromacy



Original Color

118, 241, 118

Protanomaly

152, 250, 137

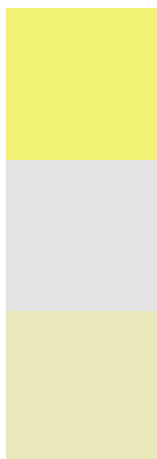
Deuteranomaly

192, 250, 173

Tritanomaly

225, 249, 199

Monochromacy



Original Color

118, 241, 118

Achromatopsia

227, 227, 227

Achromatomaly

187, 232, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 118, 241, 118 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, 241, 118)` looks like.

```
.text, #text, p{  
    color:rgb(241, 241, 118)  
}
```

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, 241, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 241, 118) }
```

Border

The CSS property to change the border of an element to RYB 118, 241, 118 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, 241, 118) }
```

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

```
.border{ border-color:rgb(241, 241, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 241, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 241, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 241, 118);  
box-shadow:4px 4px 4px 4px rgb(241, 241,  
118) }
```

Background

The CSS property to change the background color of an element to RYB 118, 241, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 241, 118) }
```

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

```
.background{ background-color: rgb(241,  
241, 118) }
```

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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