Converting Colors

RYB(152, 255, 152)

Have a look what the booklet for RYB(152, 255, 152) contains.

Color

RYB(152, 255, 152)

Conversions

Conversions Part 1

Format	Color
Hex	FFFF98
RGB	255, 255, 152
RGB Percent	100%, 100%, 60%
CMY	0.0000, 0.0000, 0.4039
CMYK	0.00, 0.00, 0.40, 0.00
HSL	60°, 100%, 80%
HSV	60°, 40%, 100%
XYZ	82.6675, 95.0470, 43.6946
YIQ	243.2580, 33.0630, -32.0330

Conversions

Conversions Part 2

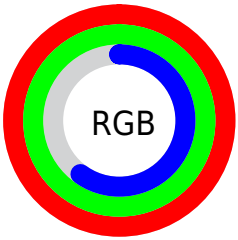
Format	Color
RYB	152, 255, 152
Decimal	16777112
CIELab	98.05, -14.33, 49.12
CIELCh	98, 51.169, 106.263
Yxy	95.0470, 0.3734, 0.4293
Android (android.graphics.Color)	4294967192 (0xFFFFFF98)
YUV	243.2580, -44.9902, 10.2977
Hunter-Lab	97.4921, -19.2536, 41.6715

Details

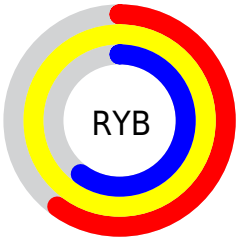
The RYB color 152, 255, 152 is a light color, and the websafe version is hex FFFF99. A complement of this color would be 152, 152, 255, and the grayscale version is 244, 244, 244.

A 20% lighter version of the original color is 208, 255, 208, and 99, 198, 100 is the 20% darker color. If you saturate the color by 10%, you get 127, 255, 127, and if you desaturate by 10%, it is 178, 255, 178.

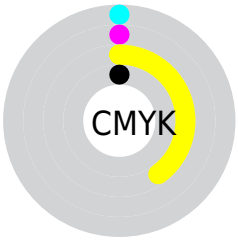
Distribution



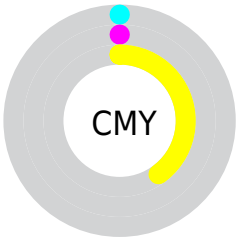
- Red (100%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 255, 152 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 152, 255, 152 by changing the saturation by 10% instead.

152, 255, 152	152, 255, 152
255, 255, 255	125, 226, 125
208, 255, 208	99, 198, 100
236, 255, 236	73, 171, 76
	47, 145, 51
	19, 119, 24
	0, 95, 8
	0, 71, 8
	0, 49, 12
	0, 28, 20

152, 255, 152	152, 255, 152
127, 255, 127	178, 255, 178
101, 255, 101	203, 255, 203
76, 255, 76	229, 255, 229
50, 255, 50	254, 255, 254
24, 255, 24	255, 255, 255
0, 255, 0	

Harmonies

Analogous

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

173, 255, 153

152, 255, 152

179, 255, 235

Triad

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

152, 255, 152

31, 143, 255

255, 213, 255

Complementary

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

152, 255, 152

152, 152, 255

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, 227, 255

152, 255, 152

134, 195, 255

Square

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

152, 255, 152

54, 155, 255

221, 235, 255

255, 211, 224

Rectangle

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

152, 255, 152

157, 221, 255

221, 235, 255

255, 217, 255

Sweetspot

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

152, 255, 152

224, 255, 224

255, 152, 152

110, 128, 110

0, 0, 0

128, 128, 128

Same Dimension

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

152, 255, 152

133, 255, 133

152, 255, 203

115, 128, 115

0, 191, 0

0, 64, 0

Inverse Universe

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

152, 152, 255

133, 133, 255

204, 152, 255

115, 115, 128

0, 0, 191

0, 0, 64

Previews

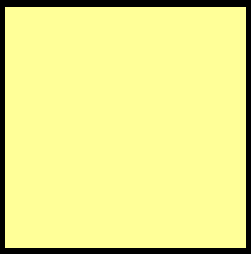
White Background

This preview shows how the RYB color 152, 255, 152 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



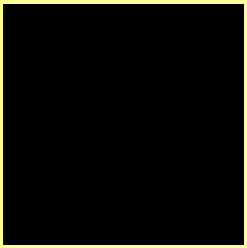
This preview shows how the RYB color 152, 255, 152 looks on a black background.

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 152, 255, 152 Background



This preview shows how black text looks on a background with the RYB color 152, 255, 152.

This preview shows how white text looks on a background with the RYB color 152, 255, 152.

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
152, 255, 152

Protanopia
239, 255, 231

Deuteranopia
255, 253, 242

Tritanopia
255, 247, 253

Trichromacy

Original Color
152, 255, 152

Protanomaly
206, 255, 202

Deuteranomaly
213, 255, 209

Tritanomaly
222, 255, 216

Monochromacy

Original Color
152, 255, 152

Achromatopsia
243, 243, 243

Achromatomaly
210, 247, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 255, 152 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(255, 255, 152) looks like.

```
.text, #text, p{
    color:rgb(255, 255, 152)
}
```

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(255, 255, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 152) }
```

Border

The CSS property to change the border of an element to RYB 152, 255, 152 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(255, 255, 152) }
```

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

```
.border{ border-color:rgb(255, 255, 152) }
```

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

Here you see how a box with a 4 pixel rgb(255, 255, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 255, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 255, 152); box-shadow:4px 4px 4px 4px rgb(255, 255, 152) }
```

Background

The CSS property to change the background color of an element to RYB 152, 255, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(255, 255, 152) }
```

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

```
.background{ background-color:rgb(255,
255, 152) }
```

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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