

Converting Colors

RGB(144, 199, 113)

Have a look what the booklet for
RGB(144, 199, 113) contains.

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Color

RGB(144, 199, 113)

Conversions

Conversions Part 1

Format	Color
Hex	90C771
RGB	144, 199, 113
RGB Percent	56%, 78%, 44%
CMY	0.4353, 0.2196, 0.5569
CMYK	0.28, 0.00, 0.43, 0.22
HSL	98°, 43%, 61%
HSV	98°, 43%, 78%
XYZ	34.9057, 47.9684, 23.0419
YIQ	172.7510, -5.1740, -38.4060

Conversions

Conversions Part 2

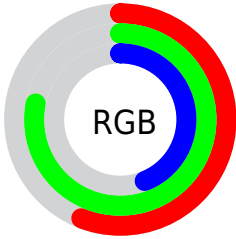
Format	Color
RYB	113, 199, 168
Decimal	9488241
CIELab	74.80, -33.34, 37.38
CIELCh	75, 50.086, 131.734
Yxy	47.9684, 0.3296, 0.4529
Android (android.graphics.Color)	4287678321 (0xFF90C771)
YUV	172.7510, -29.4572, -25.2146
Hunter-Lab	69.2592, -31.2422, 28.7562

Details

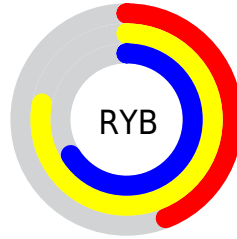
The RGB color **144, 199, 113** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **168, 113, 199**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **200, 255, 166**, and **91, 145, 63** is the 20% darker color. If you saturate the color by 10%, you get **131, 199, 93**, and if you desaturate by 10%, it is **157, 199, 133**.

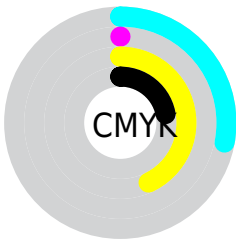
Distribution



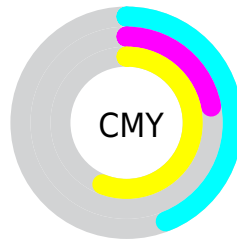
- Red (56%)
- Green (78%)
- Blue (44%)



- Red (44%)
- Yellow (78%)
- Blue (66%)



- Cyan (28%)
- Magenta (0%)
- Yellow (43%)
- Black (22%)




- Cyan (44%)
- Magenta (22%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 144, 199, 113 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 RGB color 144, 199, 113 by changing the saturation by 10% instead.

 144, 199, 113

255, 255, 255

 200, 255, 166


 228, 255, 194


 255, 255, 222

 255, 255, 251

 144, 199, 113

 117, 171, 88

 91, 145, 63

 65, 119, 39


 39, 94, 12


 8, 70, 0


 0, 47, 0

 0, 25, 0

 0, 0, 0


 144, 199, 113


 144, 199, 113


 131, 199, 93

 157, 199, 133

 119, 199, 73

 169, 199, 153

 106, 199, 53


 182, 199, 173


 93, 199, 33

 195, 199, 193

 80, 199, 14

 208, 199, 213

 72, 199, 0

 220, 199, 232

 233, 199, 252

 246, 199, 255

 255, 199, 255

Harmonies

Analogous

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



195, 187, 91



144, 199, 113



77, 206, 154

Triad

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



144, 199, 113



0, 197, 255



255, 146, 168

Complementary

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



144, 199, 113



168, 113, 199

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, 150, 214



144, 199, 113



142, 183, 255

Square

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



144, 199, 113



0, 205, 244



212, 165, 253



255, 155, 125

Rectangle

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



144, 199, 113



0, 208, 185



212, 165, 253



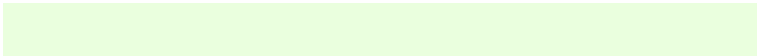
255, 146, 183

Sweetspot

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



144, 199, 113



234, 255, 222



199, 167, 113



114, 128, 107



0, 0, 0



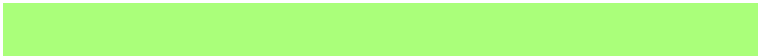
128, 128, 128

Same Dimension

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



144, 199, 113



170, 255, 122



113, 199, 124



93, 99, 90



59, 163, 0



13, 36, 0

Inverse Universe

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



168, 113, 199



207, 122, 255



199, 113, 188



96, 90, 99



104, 0, 163



23, 0, 36

Previews

White Background



This preview shows how the RGB color 144, 199, 113 looks on a white background.

Color Contrast Check

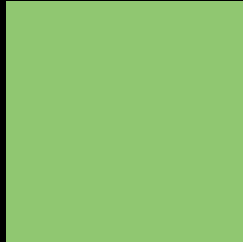
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 144, 199, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

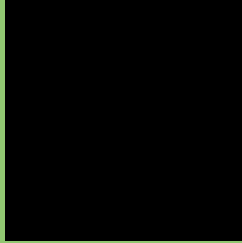
Any Text WCAG AA ✓ Pass

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](#).

RGB 144, 199, 113 Background



This preview shows how black text looks on a background with the RGB color 144, 199, 113.



This preview shows how white text looks on a background with the RGB color 144, 199, 113.

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](#).

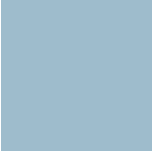
Dichromacy



Original Color
144, 199, 113

Protanopia
201, 183, 107

Deuteranopia
221, 175, 119



Tritanopia
158, 188, 204

Trichromacy



Original Color

144, 199, 113



Protanomaly

180, 189, 109



Deuteranomaly

193, 184, 117



Tritanomaly

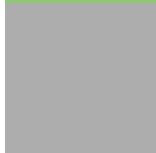
153, 192, 171

Monochromacy



Original Color

144, 199, 113



Achromatopsia

173, 173, 173



Achromatomaly

162, 182, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 144, 199, 113 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(144, 199, 113)` looks like.

```
.text, #text, p{  
    color:rgb(144, 199, 113)  
}
```

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(144, 199, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 199, 113) }
```

Border

The CSS property to change the border of an element to RGB 144, 199, 113 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(144, 199, 113) }
```

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

```
.border{ border-color:rgb(144, 199, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 199, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 199, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 199, 113);  
box-shadow:4px 4px 4px 4px rgb(144, 199,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 144, 199, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 199, 113) }
```

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

```
.background{ background-color: rgb(144,  
199, 113) }
```

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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