

Converting Colors

RGB(113, 149, 78)

Have a look what the booklet for
RGB(113, 149, 78) contains.

RGB(113, 149, 78)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(113, 149, 78)

Conversions

Conversions Part 1

Format	Color
Hex	71954E
RGB	113, 149, 78
RGB Percent	44%, 58%, 31%
CMY	0.5569, 0.4157, 0.6941
CMYK	0.24, 0.00, 0.48, 0.42
HSL	90°, 31%, 45%
HSV	90°, 48%, 58%
XYZ	18.9326, 25.5557, 11.1426
YIQ	130.1420, 1.3350, -29.7130

Conversions

Conversions Part 2

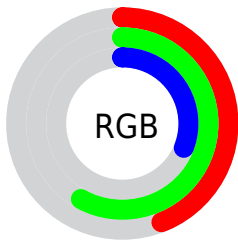
Format	Color
R_{YB}	78, 149, 114
Decimal	7443790
CIE _{Lab}	57.61, -25.29, 33.37
CIE _{LCh}	58, 41.870, 127.156
Yxy	25.5557, 0.3403, 0.4594
Android (android.graphics.Color)	4285633870 (0xFF71954E)
YUV	130.1420, -25.7060, -15.0335
Hunter-Lab	50.5526, -21.6164, 22.3184

Details

The RGB color **113, 149, 78** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **114, 78, 149**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **166, 203, 128**, and **63, 98, 30** is the 20% darker color. If you saturate the color by 10%, you get **105, 149, 63**, and if you desaturate by 10%, it is **121, 149, 93**.

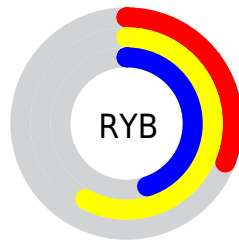
Distribution



Red (44%)

Green (58%)

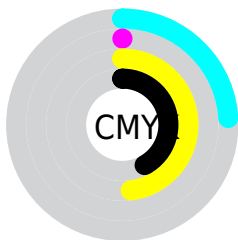
Blue (31%)



Red (31%)

Yellow (58%)

Blue (45%)

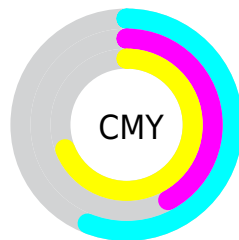


Cyan (24%)

Magenta (0%)

Yellow (48%)

Black (42%)



Cyan (56%)

Magenta (42%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the RGB color 113, 149, 78 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 113, 149, 78 by changing the saturation by 10% instead.



113, 149, 78



113, 149, 78

255, 255, 255



87, 123, 54



166, 203, 128



63, 98, 30



194, 232, 155



38, 74, 5



222, 255, 182



15, 51, 0



251, 255, 210



0, 31, 0



255, 255, 238



0, 0, 0



113, 149, 78



113, 149, 78



105, 149, 63



121, 149, 93



98, 149, 48



128, 149, 108

■ 90, 149, 33

■ 136, 149, 123

■ 83, 149, 18

■ 143, 149, 138

■ 75, 149, 4

■ 151, 149, 153

■ 73, 149, 0

■ 158, 149, 167

■ 166, 149, 182

■ 173, 149, 197

■ 181, 149, 212

Harmonies

Analogous

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



152, 139, 63



113, 149, 78



62, 155, 109

Triad

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



113, 149, 78



0, 150, 205



207, 108, 131

Complementary

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



113, 149, 78



114, 78, 149

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.



191, 113, 168



113, 149, 78



93, 139, 211

Square

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



113, 149, 78



0, 156, 181



153, 125, 197



203, 114, 96

Rectangle

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



113, 149, 78



0, 157, 134



153, 125, 197



204, 108, 143

Sweetspot

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



113, 149, 78



180, 194, 167



149, 114, 78



89, 97, 80



224, 224, 224



97, 97, 97

Same Dimension

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



113, 149, 78



138, 194, 83



78, 149, 78



70, 74, 67



68, 138, 0



5, 10, 0

Inverse Universe

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



114, 78, 149



139, 83, 194



149, 78, 149



70, 67, 74



70, 0, 138



5, 0, 10

Previews

White Background



This preview shows how the RGB color 113, 149, 78 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 113, 149, 78 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 113, 149, 78 Background



This preview shows how black text looks on a background with the RGB color 113, 149, 78.



This preview shows how white text looks on a background with the RGB color 113, 149, 78.

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](#).

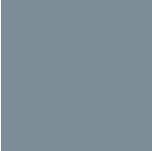
Dichromacy



Original Color
113, 149, 78

Protanopia
152, 138, 74

Deuteranopia
167, 132, 82



Tritanopia

124, 141, 152

Trichromacy



Original Color

113, 149, 78

Protanomaly

138, 142, 75

Deuteranomaly

147, 138, 81

Tritanomaly

120, 144, 125

Monochromacy



Original Color

113, 149, 78

Achromatopsia

130, 130, 130

Achromatomaly

124, 137, 111

CSS Examples

Text

The CSS property to change the color of the text to RGB 113, 149, 78 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(113, 149, 78)` looks like.

```
.text, #text, p{  
    color:rgb(113, 149, 78)  
}
```

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(113, 149, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 149, 78) }
```

Border

The CSS property to change the border of an element to RGB 113, 149, 78 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(113, 149, 78) }
```

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

```
.border{ border-color:rgb(113, 149, 78) }
```

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

Here you see how a box with a 4 pixel rgb(113, 149, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 149, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 149, 78);  
box-shadow:4px 4px 4px 4px rgb(113, 149,  
78) }
```

Background

The CSS property to change the background color of an element to RGB 113, 149, 78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 149, 78) }
```

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

```
.background{ background-color: rgb(113,  
149, 78) }
```

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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