

Converting Colors

RGB(122, 171, 85)

Have a look what the booklet for
RGB(122, 171, 85) contains.

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Color

RGB(122, 171, 85)

Conversions

Conversions Part 1

Format	Color
Hex	7AAB55
RGB	122, 171, 85
RGB Percent	48%, 67%, 33%
CMY	0.5216, 0.3294, 0.6667
CMYK	0.29, 0.00, 0.50, 0.33
HSL	94°, 34%, 50%
HSV	94°, 50%, 67%
XYZ	24.2286, 33.9193, 13.8644
YIQ	146.5450, -1.5980, -37.1340

Conversions

Conversions Part 2

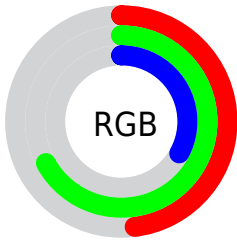
Format	Color
RYB	85, 171, 134
Decimal	8039253
CIELab	64.90, -31.67, 38.86
CIELCh	65, 50.132, 129.178
Yxy	33.9193, 0.3365, 0.4710
Android (android.graphics.Color)	4286229333 (0xFF7AAB55)
YUV	146.5450, -30.3417, -21.5260
Hunter-Lab	58.2403, -27.6623, 26.6539

Details

The RGB color **122, 171, 85** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **134, 85, 171**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **176, 227, 137**, and **70, 118, 36** is the 20% darker color. If you saturate the color by 10%, you get **112, 171, 68**, and if you desaturate by 10%, it is **132, 171, 102**.

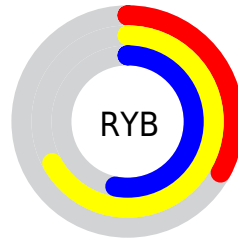
Distribution



Red (48%)

Green (67%)

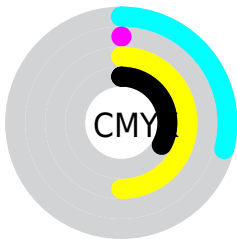
Blue (33%)



Red (33%)

Yellow (67%)

Blue (53%)

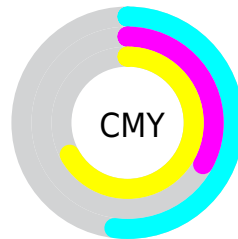


Cyan (29%)

Magenta (0%)

Yellow (50%)

Black (33%)



Cyan (52%)

Magenta (33%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 171, 85 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 122, 171, 85 by changing the saturation by 10% instead.

 122, 171, 85  122, 171, 85

255, 255, 255  96, 144, 60

 176, 227, 137  70, 118, 36

 205, 255, 163  44, 93, 8

 233, 255, 191  17, 69, 0


 255, 255, 219  0, 46, 0


 255, 255, 248  0, 26, 0


 0, 0, 0


 122, 171, 85  122, 171, 85

 112, 171, 68  132, 171, 102


 103, 171, 51

 141, 171, 119


 93, 171, 34


 151, 171, 136


 83, 171, 17


 161, 171, 153


 74, 171, 0

 171, 171, 170

 180, 171, 188

 190, 171, 205

 200, 171, 222

 210, 171, 239

Harmonies

Analogous

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



170, 159, 65



122, 171, 85



52, 178, 124

Triad

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



122, 171, 85



0, 171, 241



241, 119, 145

Complementary

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



122, 171, 85



134, 85, 171

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.



223, 124, 190



122, 171, 85



104, 158, 246

Square

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



122, 171, 85



0, 178, 213



179, 140, 227



235, 128, 103

Rectangle

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



122, 171, 85



0, 180, 155



179, 140, 227



238, 119, 161

Sweetspot

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



122, 171, 85



203, 222, 189



171, 134, 85



101, 112, 92



240, 240, 240



112, 112, 112

Same Dimension

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



122, 171, 85



146, 222, 89



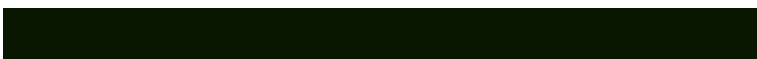
85, 171, 91



82, 87, 78



65, 150, 0



10, 23, 0

Inverse Universe

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



134, 85, 171



165, 89, 222



171, 85, 165



83, 78, 87



86, 0, 150



13, 0, 23

Previews

White Background



This preview shows how the RGB color 122, 171, 85 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 122, 171, 85 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 122, 171, 85 Background



This preview shows how black text looks on a background with the RGB color 122, 171, 85.



This preview shows how white text looks on a background with the RGB color 122, 171, 85.

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

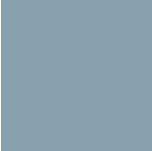
122, 171, 85

Protanopia

173, 157, 80

Deuteranopia

191, 150, 90



Tritanopia
135, 161, 174

Trichromacy



Original Color

122, 171, 85

Protanomaly

154, 162, 82

Deuteranomaly

166, 158, 88

Tritanomaly

130, 165, 142

Monochromacy



Original Color

122, 171, 85

Achromatopsia

147, 147, 147

Achromatomaly

138, 156, 124

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 171, 85 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(122, 171, 85)` looks like.

```
.text, #text, p{  
    color:rgb(122, 171, 85)  
}
```

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(122, 171, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 171, 85) }
```

Border

The CSS property to change the border of an element to RGB 122, 171, 85 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(122, 171, 85) }
```

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

```
.border{ border-color:rgb(122, 171, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 171, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 171, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 171, 85);  
box-shadow:4px 4px 4px 4px rgb(122, 171,  
85) }
```

Background

The CSS property to change the background color of an element to RGB 122, 171, 85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 171, 85) }
```

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

```
.background{ background-color: rgb(122,  
171, 85) }
```

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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