

Converting Colors

RGB(108, 157, 117)

Have a look what the booklet for
RGB(108, 157, 117) contains.

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Color

RGB(108, 157, 117)

Conversions

Conversions Part 1

Format	Color
Hex	6C9D75
RGB	108, 157, 117
RGB Percent	42%, 62%, 46%
CMY	0.5765, 0.3843, 0.5412
CMYK	0.31, 0.00, 0.25, 0.38
HSL	131°, 20%, 52%
HSV	131°, 31%, 62%
XYZ	21.4522, 28.5864, 21.2167
YIQ	137.7890, -16.3640, -22.8280

Conversions

Conversions Part 2

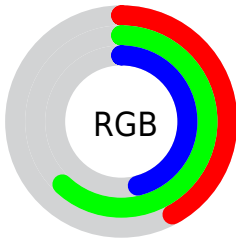
Format	Color
RYB	108, 149, 157
Decimal	7118197
CIELab	60.41, -24.95, 15.80
CIElCh	60, 29.531, 147.654
Yxy	28.5864, 0.3011, 0.4012
Android (android.graphics.Color)	4285308277 (0xFF6C9D75)
YUV	137.7890, -10.2490, -26.1250
Hunter-Lab	53.4663, -21.9467, 13.8987

Details

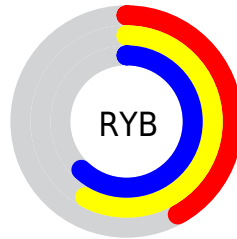
The RGB color **108, 157, 117** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **157, 108, 148**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **161, 212, 169**, and **58, 105, 69** is the 20% darker color. If you saturate the color by 10%, you get **92, 157, 104**, and if you desaturate by 10%, it is **124, 157, 130**.

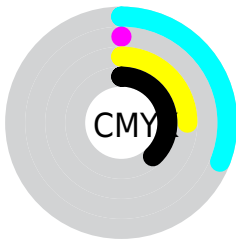
Distribution



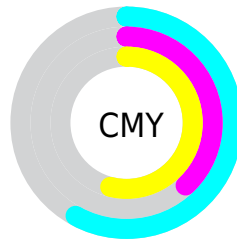
- Red (42%)
- Green (62%)
- Blue (46%)



- Red (42%)
- Yellow (58%)
- Blue (62%)



- Cyan (31%)
- Magenta (0%)
- Yellow (25%)
- Black (38%)




- Cyan (58%)
- Magenta (38%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 108, 157, 117 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 108, 157, 117 by changing the saturation by 10% instead.

 108, 157, 117

255, 255, 255

 161, 212, 169

 188, 240, 197

 216, 255, 225

 245, 255, 253

 108, 157, 117

 83, 131, 92

 58, 105, 69

 34, 81, 46


 7, 58, 25

 0, 36, 0


 0, 3, 0

 0, 0, 0

 108, 157, 117


 92, 157, 104

 108, 157, 117

 124, 157, 130


 77, 157, 91

 139, 157, 143

 61, 157, 79

 155, 157, 155


 45, 157, 66


 171, 157, 168

 29, 157, 53

 187, 157, 181

 14, 157, 40

 202, 157, 194

 0, 157, 29

 218, 157, 207

 234, 157, 220

 249, 157, 232

Harmonies

Analogous

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



138, 151, 99



108, 157, 117



77, 160, 143

Triad

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



108, 157, 117



107, 149, 197



197, 128, 123

Complementary

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



108, 157, 117



157, 108, 148

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.



194, 126, 149



108, 157, 117



146, 140, 192

Square

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



108, 157, 117



69, 156, 189



177, 131, 174



186, 134, 103

Rectangle

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



108, 157, 117



60, 160, 161



177, 131, 174



197, 126, 131

Sweetspot

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



108, 157, 117



186, 204, 189



148, 157, 108



91, 102, 93



230, 230, 230



102, 102, 102

Same Dimension

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



108, 157, 117



129, 204, 142



108, 157, 141



71, 79, 73



0, 143, 26



0, 15, 3

Inverse Universe

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



157, 108, 148



204, 129, 190



157, 108, 124



79, 71, 78



143, 0, 117



15, 0, 12

Previews

White Background



This preview shows how the RGB color 108, 157, 117 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 108, 157, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

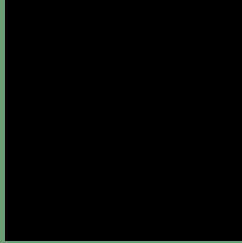
Any Text WCAG AA ✓ Pass

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 108, 157, 117 Background



This preview shows how black text looks on a background with the RGB color 108, 157, 117.



This preview shows how white text looks on a background with the RGB color 108, 157, 117.

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
108, 157, 117

Protanopia
155, 145, 111

Deuteranopia
168, 140, 121



Tritanopia
117, 151, 163

Trichromacy



Original Color
108, 157, 117

Protanomaly
138, 149, 113

Deuteranomaly
146, 146, 120

Tritanomaly
114, 153, 146

Monochromacy



Original Color
108, 157, 117

Achromatopsia
138, 138, 138

Achromatomaly
127, 145, 130

CSS Examples

Text

The CSS property to change the color of the text to RGB 108, 157, 117 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(108, 157, 117)` looks like.

```
.text, #text, p{  
    color:rgb(108, 157, 117)  
}
```

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(108, 157, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 157, 117) }
```

Border

The CSS property to change the border of an element to RGB 108, 157, 117 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(108, 157, 117) }
```

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

```
.border{ border-color:rgb(108, 157, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 157, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 157, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 157, 117);  
box-shadow:4px 4px 4px 4px rgb(108, 157,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 108, 157, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 157, 117) }
```

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

```
.background{ background-color: rgb(108,  
157, 117) }
```

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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