

Converting Colors

RGB(105, 164, 117)

Have a look what the booklet for
RGB(105, 164, 117) contains.

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Color

RGB(105, 164, 117)

Conversions

Conversions Part 1

Format	Color
Hex	69A475
RGB	105, 164, 117
RGB Percent	41%, 64%, 46%
CMY	0.5882, 0.3569, 0.5412
CMYK	0.36, 0.00, 0.29, 0.36
HSL	132°, 24%, 53%
HSV	132°, 36%, 64%
XYZ	22.3120, 30.8385, 21.6061
YIQ	141.0010, -20.0770, -27.1250

Conversions

Conversions Part 2

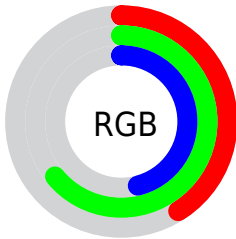
Format	Color
RYB	105, 154, 164
Decimal	6923381
CIELab	62.37, -29.37, 18.47
CIELCh	62, 34.691, 147.835
Yxy	30.8385, 0.2985, 0.4125
Android (android.graphics.Color)	4285113461 (0xFF69A475)
YUV	141.0010, -11.8325, -31.5729
Hunter-Lab	55.5325, -25.4634, 15.8047

Details

The RGB color **105, 164, 117** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **164, 105, 152**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **158, 219, 169**, and **54, 112, 68** is the 20% darker color. If you saturate the color by 10%, you get **89, 164, 104**, and if you desaturate by 10%, it is **121, 164, 130**.

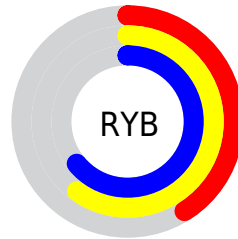
Distribution



Red (41%)

Green (64%)

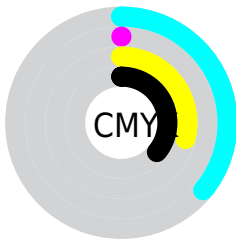
Blue (46%)



Red (41%)

Yellow (60%)

Blue (64%)

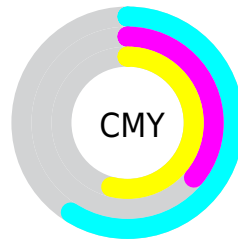


Cyan (36%)

Magenta (0%)

Yellow (29%)

Black (36%)



Cyan (59%)

Magenta (36%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 105, 164, 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 105, 164, 117 by changing the saturation by 10% instead.

 105, 164, 117

255, 255, 255


 158, 219, 169

 186, 248, 197

 214, 255, 225

 243, 255, 253

 105, 164, 117

 79, 137, 92

 54, 112, 68

 28, 87, 46


 0, 63, 24

 0, 41, 0


 0, 15, 0

 0, 0, 0

 105, 164, 117

 89, 164, 104

 105, 164, 117

 121, 164, 130

■ 72, 164, 91

■ 138, 164, 143

■ 56, 164, 78

■ 154, 164, 156

■ 39, 164, 65

■ 171, 164, 169

■ 23, 164, 52

■ 187, 164, 182

■ 7, 164, 39

■ 203, 164, 195

■ 0, 164, 33

■ 220, 164, 208

■ 236, 164, 222

■ 253, 164, 235

Harmonies

Analogous

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



141, 158, 95



105, 164, 117



63, 167, 147

Triad

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



105, 164, 117



102, 154, 212



210, 129, 124

Complementary

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



105, 164, 117



164, 105, 152

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.



207, 127, 154



105, 164, 117



151, 144, 205

Square

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



105, 164, 117



45, 162, 202



187, 133, 184



197, 137, 100

Rectangle

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



105, 164, 117



31, 167, 169



187, 133, 184



211, 127, 133

Sweetspot

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



105, 164, 117



191, 214, 195



152, 164, 105



93, 107, 96



235, 235, 235



107, 107, 107

Same Dimension

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



105, 164, 117



122, 214, 141



105, 164, 146



73, 82, 75



0, 145, 30



0, 18, 4

Inverse Universe

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



164, 105, 152



214, 122, 195



164, 105, 123



82, 73, 80



145, 0, 116



18, 0, 14

Previews

White Background



This preview shows how the RGB color 105, 164, 117 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 105, 164, 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 ✓ Pass

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

RGB 105, 164, 117 Background



This preview shows how black text looks on a background with the RGB color 105, 164, 117.



This preview shows how white text looks on a background with the RGB color 105, 164, 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
105, 164, 117

Protanopia
161, 150, 111

Deuteranopia
175, 144, 121



Tritanopia
116, 157, 170

Trichromacy



Original Color
105, 164, 117

Protanomaly
141, 155, 113

Deuteranomaly
150, 151, 120

Tritanomaly
112, 160, 151

Monochromacy



Original Color
105, 164, 117

Achromatopsia
141, 141, 141

Achromatomaly
128, 149, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 105, 164, 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(105, 164, 117)` looks like.

```
.text, #text, p{  
    color:rgb(105, 164, 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(105, 164, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 164, 117) }
```

Border

The CSS property to change the border of an element to RGB 105, 164, 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(105, 164, 117) }
```

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

```
.border{ border-color:rgb(105, 164, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 164, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 164, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 164, 117);  
box-shadow:4px 4px 4px 4px rgb(105, 164,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 105, 164, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 164, 117) }
```

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

```
.background{ background-color: rgb(105,  
164, 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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