

Converting Colors

`RYB(81, 126, 119)`

Have a look what the booklet for
RYB(81, 126, 119) contains.

RYB(81, 126, 119)	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

`RYB(81, 126, 119)`

Conversions

Conversions Part 1

Format	Color
Hex	587E51
RGB	88, 126, 81
RGB Percent	35%, 49%, 32%
CMY	0.6549, 0.5059, 0.6824
CMYK	0.30, 0.00, 0.36, 0.51
HSL	111°, 22%, 41%
HSV	111°, 36%, 49%
XYZ	12.9706, 17.5905, 10.4963
YIQ	109.5080, -8.2030, -22.0510

Conversions

Conversions Part 2

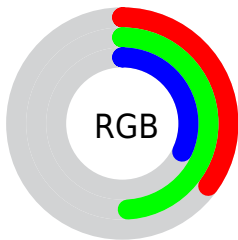
Format	Color
R_{YB}	81, 126, 119
Decimal	5799505
CIE _{Lab}	49.00, -22.73, 20.36
CIE _{LCh}	49, 30.516, 138.155
Yxy	17.5905, 0.3159, 0.4284
Android (android.graphics.Color)	4283989585 (0xFF587E51)
YUV	109.5080, -14.0544, -18.8625
Hunter-Lab	41.9410, -18.1944, 14.5207

Details

The RYB color **81, 126, 119** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **119, 81, 126**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **131, 179, 171**, and **35, 77, 72** is the 20% darker color. If you saturate the color by 10%, you get **68, 126, 117**, and if you desaturate by 10%, it is **94, 126, 121**.

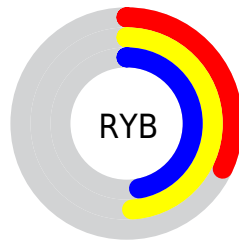
Distribution



Red (35%)

Green (49%)

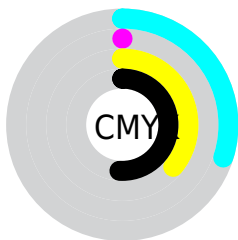
Blue (32%)



Red (32%)

Yellow (49%)

Blue (47%)

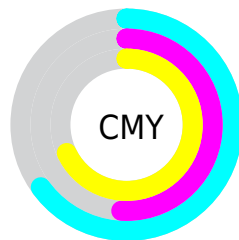


Cyan (30%)

Magenta (0%)

Yellow (36%)

Black (51%)



Cyan (65%)

Magenta (51%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the RYB color 81, 126, 119 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 RYB color 81, 126, 119 by changing the saturation by 10% instead.



81, 126, 119



81, 126, 119

255, 255, 255



58, 101, 95



131, 179, 171



35, 77, 72



157, 207, 198



14, 54, 52



184, 235, 226



0, 33, 33



212, 255, 245



0, 0, 0



240, 255, 245



81, 126, 119



81, 126, 119



68, 126, 117




94, 126, 121




56, 126, 115





106, 126, 123


 43, 126, 113

 119, 126, 125


 31, 126, 112

 131, 126, 131


 18, 126, 109

 141, 126, 144


 5, 126, 107

 152, 126, 157

 0, 126, 106

 162, 126, 169

 173, 126, 182

 184, 126, 194

Harmonies

Analogous

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



66, 120, 69



81, 126, 119



53, 98, 129

Triad

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



81, 126, 119



58, 98, 167



167, 97, 102

Complementary

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



81, 126, 119



119, 81, 126

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.



160, 97, 128



81, 126, 119



104, 113, 165

Square

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



81, 126, 119



0, 70, 154



139, 104, 151



160, 111, 79

Rectangle

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



81, 126, 119



21, 77, 130



139, 104, 151



166, 96, 110

Sweetspot

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



81, 126, 119



145, 163, 160



89, 126, 81



71, 82, 80



209, 209, 209



82, 82, 82

Same Dimension

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



81, 126, 119



93, 163, 152



81, 115, 126



57, 64, 63



0, 128, 108



0, 0, 0

Inverse Universe

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



119, 81, 126



152, 93, 163



126, 81, 111



63, 57, 64



108, 0, 128



0, 0, 0

Previews

White Background



This preview shows how the RYB color 81, 126, 119 looks on a white 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

Black Background



This preview shows how the RYB color 81, 126, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

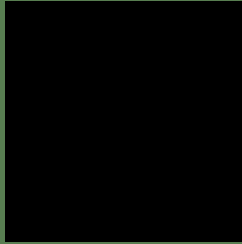
Any Text WCAG AA ✓ Pass

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](#).

R Y B 81, 126, 119 Background



This preview shows how black text looks on a background with the R Y B color 81, 126, 119.



This preview shows how white text looks on a background with the R Y B color 81, 126, 119.

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

81, 126, 119

Protanopia

90, 126, 77

Deuteranopia

135, 137, 84



Tritanopia
96, 110, 130

Trichromacy



Original Color

81, 126, 119

Protanomaly

78, 120, 86

Deuteranomaly

86, 119, 83

Tritanomaly

93, 111, 122

Monochromacy



Original Color

81, 126, 119

Achromatopsia

110, 110, 110

Achromatomaly

99, 116, 113

CSS Examples

Text

The CSS property to change the color of the text to RYB 81, 126, 119 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(88, 126, 81)` looks like.

```
.text, #text, p{  
    color:rgb(88, 126, 81)  
}
```

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(88, 126, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 126, 81) }
```

Border

The CSS property to change the border of an element to RYB 81, 126, 119 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(88, 126, 81) }
```

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

```
.border{ border-color:rgb(88, 126, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 126, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 126, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 126, 81);  
box-shadow:4px 4px 4px 4px rgb(88, 126,  
81) }
```

Background

The CSS property to change the background color of an element to RGB 81, 126, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 126, 81) }
```

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

```
.background{ background-color: rgb(88, 126,  
81) }
```

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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