

Converting Colors

`RYB(126, 164, 153)`

Have a look what the booklet for
RYB(126, 164, 153) contains.

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Color

R_YB(126, 164, 153)

Conversions

Conversions Part 1

Format	Color
Hex	89A47E
RGB	137, 164, 126
RGB Percent	54%, 64%, 49%
CMY	0.4627, 0.3569, 0.5059
CMYK	0.16, 0.00, 0.23, 0.36
HSL	103°, 17%, 57%
HSV	103°, 23%, 64%
XYZ	27.3579, 33.3756, 24.7389
YIQ	151.5950, -3.8940, -17.5420

Conversions

Conversions Part 2

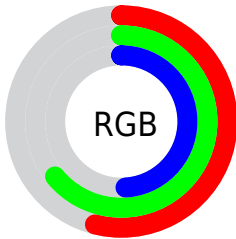
Format	Color
RYB	126, 164, 153
Decimal	9020542
CIELab	64.46, -16.70, 16.69
CIELCh	64, 23.609, 135.012
Yxy	33.3756, 0.3201, 0.3905
Android (android.graphics.Color)	4287210622 (0xFF89A47E)
YUV	151.5950, -12.6183, -12.7998
Hunter-Lab	57.7717, -16.5714, 15.0511

Details

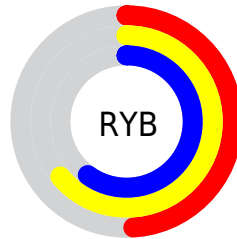
The RYB color **126, 164, 153** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **153, 126, 164**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **179, 219, 207**, and **77, 112, 102** is the 20% darker color. If you saturate the color by 10%, you get **110, 164, 149**, and if you desaturate by 10%, it is **142, 164, 157**.

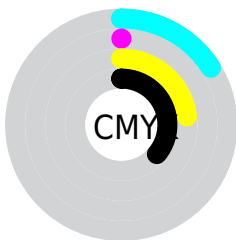
Distribution



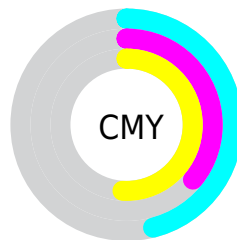
- Red (54%)
- Green (64%)
- Blue (49%)



- Red (49%)
- Yellow (64%)
- Blue (60%)



- Cyan (16%)
- Magenta (0%)
- Yellow (23%)
- Black (36%)



- Cyan (46%)
- Magenta (36%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 164, 153 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 126, 164, 153 by changing the saturation by 10% instead.


 126, 164, 153


255, 255, 255


 179, 219, 207

 206, 248, 235

 235, 255, 243

 126, 164, 153

 101, 138, 128

 77, 112, 102

 54, 88, 79

 32, 64, 56

 10, 42, 33

 0, 23, 23


 0, 0, 0

 126, 164, 153


 110, 164, 149


 126, 164, 153


 142, 164, 157

 93, 164, 143


 159, 164, 163

 77, 164, 139


 172, 164, 175

 60, 164, 134


 184, 164, 192

 44, 164, 129


 195, 164, 208


 28, 164, 125

 207, 164, 224

 11, 164, 120

 219, 164, 241

 0, 164, 117

 230, 164, 255

 242, 164, 255

Harmonies

Analogous

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



118, 161, 115



126, 164, 153



114, 147, 167

Triad

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



126, 164, 153



116, 145, 196



199, 141, 146

Complementary

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



126, 164, 153



153, 126, 164

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.



192, 142, 168



126, 164, 153



145, 153, 197

Square

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



126, 164, 153



97, 136, 185



173, 147, 186



195, 151, 127

Rectangle

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



126, 164, 153



101, 137, 168



173, 147, 186



198, 141, 153

Sweetspot

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



126, 164, 153



199, 214, 209



141, 164, 126



99, 107, 105



235, 235, 235



107, 107, 107

Same Dimension

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



126, 164, 153



154, 214, 196



126, 157, 164



73, 82, 79



0, 145, 103



0, 18, 13

Inverse Universe

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



153, 126, 164



197, 154, 214



164, 126, 156



79, 73, 82



103, 0, 145



13, 0, 18

Previews

White Background



This preview shows how the RYB color 126, 164, 153 looks on a white background.

Color Contrast Check

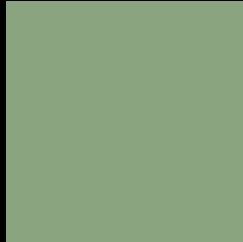
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 126, 164, 153 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](#).

R Y B 126, 164, 153 Background



This preview shows how black text looks on a background with the RYB color 126, 164, 153.



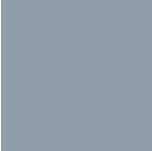
This preview shows how white text looks on a background with the RYB color 126, 164, 153.

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





Tritanopia
144, 153, 171

Trichromacy



Original Color
126, 164, 153

Protanomaly
123, 159, 127

Deuteranomaly
140, 164, 128

Tritanomaly
141, 152, 160

Monochromacy



Original Color
126, 164, 153

Achromatopsia
152, 152, 152

Achromatomaly
143, 156, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 164, 153 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(137, 164, 126)` looks like.

```
.text, #text, p{  
    color:rgb(137, 164, 126)  
}
```

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(137, 164, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 164, 126) }
```

Border

The CSS property to change the border of an element to RYB 126, 164, 153 is called "border". The border property can be set on classes, ids or directly on the HTML element.

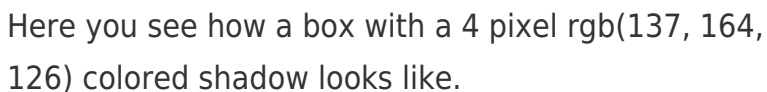
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 164, 126) }
```

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

```
.border{ border-color:rgb(137, 164, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 164, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 164, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 164, 126); box-shadow:4px 4px 4px 4px rgb(137, 164, 126) }
```

Background

The CSS property to change the background color of an element to RYB 126, 164, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 164, 126) }
```

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

```
.background{ background-color: rgb(137,  
164, 126) }
```

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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