

Converting Colors

`RYB(85, 123, 126)`

Have a look what the booklet for
RYB(85, 123, 126) contains.

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Color

`RYB(85, 123, 126)`

Conversions

Conversions Part 1

Format	Color
Hex	557E58
RGB	85, 126, 88
RGB Percent	33%, 49%, 35%
CMY	0.6667, 0.5059, 0.6540
CMYK	0.33, 0.00, 0.30, 0.51
HSL	125°, 19%, 41%
HSV	125°, 33%, 49%
XYZ	12.9784, 17.5615, 11.9897
YIQ	109.4090, -12.2380, -20.5100

Conversions

Conversions Part 2

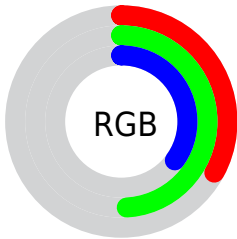
Format	Color
RYB	85, 123, 126
Decimal	5602904
CIELab	48.96, -22.53, 16.14
CIELCh	49, 27.711, 144.383
Yxy	17.5615, 0.3052, 0.4129
Android (android.graphics.Color)	4283792984 (0xFF557E58)
YUV	109.4090, -10.5546, -21.4067
Hunter-Lab	41.9065, -18.0548, 12.3713

Details

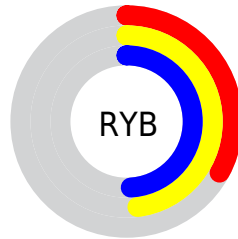
The RYB color **85, 123, 126** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **126, 85, 123**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **136, 177, 179**, and **37, 73, 77** is the 20% darker color. If you saturate the color by 10%, you get **72, 121, 126**, and if you desaturate by 10%, it is **98, 124, 126**.

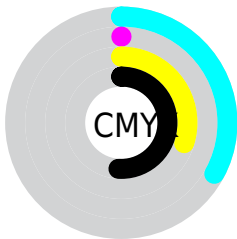
Distribution



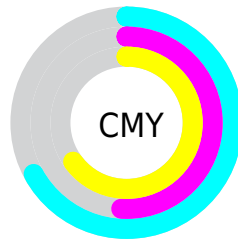
- Red (33%)
- Green (49%)
- Blue (35%)



- Red (33%)
- Yellow (48%)
- Blue (49%)



- Cyan (33%)
- Magenta (0%)
- Yellow (30%)
- Black (51%)



- Cyan (67%)
- Magenta (51%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the RYB color 85, 123, 126 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 85, 123, 126 by changing the saturation by 10% instead.



85, 123, 126



85, 123, 126

255, 255, 255



61, 97, 101



136, 177, 179



37, 73, 77



163, 205, 207



13, 47, 54



190, 233, 235



0, 33, 33



218, 253, 255



0, 0, 0



247, 254, 255



85, 123, 126



85, 123, 126



72, 121, 126




98, 124, 126




60, 121, 126




110, 125, 126


 47, 120, 126

 123, 126, 126


 35, 120, 126

 135, 126, 135

 22, 119, 126


 148, 126, 146

 9, 117, 126

 161, 126, 158

 0, 117, 126

 173, 126, 169

 186, 126, 181

 198, 126, 193

Harmonies

Analogous

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



73, 121, 82



85, 123, 126



55, 97, 129

Triad

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



85, 123, 126



75, 105, 163



162, 99, 98

Complementary

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



85, 123, 126



126, 85, 123

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.



159, 99, 122



85, 123, 126



113, 112, 159

Square

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



85, 123, 126



36, 87, 154



142, 104, 144



154, 119, 79

Rectangle

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



85, 123, 126



34, 82, 129



142, 104, 144



162, 98, 106

Sweetspot

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



85, 123, 126



147, 162, 163



85, 126, 88



72, 81, 82



209, 209, 209



82, 82, 82

Same Dimension

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



85, 123, 126



100, 158, 163



85, 111, 126



57, 63, 64



0, 119, 128



0, 0, 0

Inverse Universe

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



126, 85, 123



163, 100, 158



126, 85, 103



64, 57, 63



128, 0, 117



0, 0, 0

Previews

White Background



This preview shows how the RYB color 85, 123, 126 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 85, 123, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

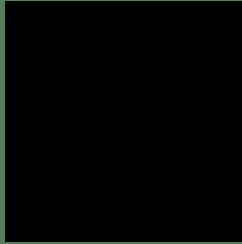
Any Text WCAG AA ✓ Pass

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](#).

RYB 85, 123, 126 Background



This preview shows how black text looks on a background with the RYB color 85, 123, 126.



This preview shows how white text looks on a background with the RYB color 85, 123, 126.

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

[85](#), [123](#), [126](#)

Protanopia

[96](#), [125](#), [84](#)

Deuteranopia

[135](#), [128](#), [91](#)



Tritanopia
93, 109, 130

Trichromacy



Original Color
85, 123, 126

Protanomaly
86, 120, 96

Deuteranomaly
91, 117, 90

Tritanomaly
90, 109, 123

Monochromacy



Original Color
85, 123, 126

Achromatopsia
109, 109, 109

Achromatomaly
100, 114, 115

CSS Examples

Text

The CSS property to change the color of the text to RYB 85, 123, 126 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(85, 126, 88)` looks like.

```
.text, #text, p{  
    color:rgb(85, 126, 88)  
}
```

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(85, 126, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 126, 88) }
```

Border

The CSS property to change the border of an element to RYB 85, 123, 126 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(85, 126, 88) }
```

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

```
.border{ border-color:rgb(85, 126, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 126, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 126, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 126, 88);  
box-shadow:4px 4px 4px 4px rgb(85, 126,  
88) }
```

Background

The CSS property to change the background color of an element to RYB 85, 123, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 126, 88) }
```

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

```
.background{ background-color: rgb(85, 126,  
88) }
```

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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