

Converting Colors

`RYB(84, 93, 127)`

Have a look what the booklet for
RYB(84, 93, 127) contains.

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Color

R_YB(84, 93, 127)

Conversions

Conversions Part 1

Format	Color
Hex	545F7F
RGB	84, 95, 127
RGB Percent	33%, 37%, 50%
CMY	0.6706, 0.6260, 0.5020
CMYK	0.34, 0.25, 0.00, 0.50
HSL	224°, 20%, 41%
HSV	224°, 34%, 50%
XYZ	11.6137, 11.6706, 21.7192
YIQ	95.3590, -16.8280, 7.6200

Conversions

Conversions Part 2

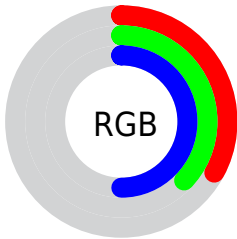
Format	Color
R_{YB}	84, 93, 127
Decimal	5529471
CIE Lab	40.69, 3.77, -19.12
CIE LCh	41, 19.488, 281.148
Yxy	11.6706, 0.2581, 0.2593
Android (android.graphics.Color)	4283719551 (0xFF545F7F)
YUV	95.3590, 15.5990, -9.9618
Hunter-Lab	34.1623, 0.8982, -13.7810

Details

The RYB color **84, 93, 127** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **99, 127, 84**, and the grayscale version is **95, 95, 95**.

A 20% lighter version of the original color is **135, 143, 180**, and **36, 46, 78** is the 20% darker color. If you saturate the color by 10%, you get **71, 83, 127**, and if you desaturate by 10%, it is **97, 103, 127**.

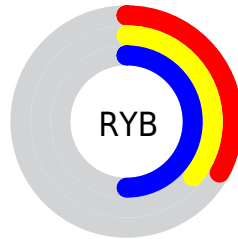
Distribution



Red (33%)

Green (37%)

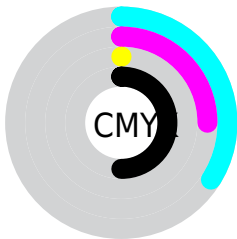
Blue (50%)



Red (33%)

Yellow (36%)

Blue (50%)

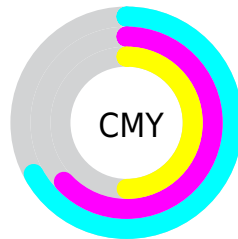


Cyan (34%)

Magenta (25%)

Yellow (0%)

Black (50%)



Cyan (67%)

Magenta (63%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 84, 93, 127 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 84, 93, 127 by changing the saturation by 10% instead.



84, 93, 127



84, 93, 127

255, 255, 255



60, 69, 102



135, 144, 180



36, 46, 78



161, 170, 207



12, 24, 55



189, 198, 236



0, 2, 34



217, 226, 255



0, 0, 7



245, 250, 255



0, 0, 0



84, 93, 127



84, 93, 127



71, 83, 127



97, 103, 127



59, 73, 127



109, 113, 127

■ 46, 63, 127

■ 122, 123, 127

■ 33, 53, 127

■ 130, 135, 127

■ 20, 43, 127

■ 134, 147, 127

■ 8, 33, 127

■ 139, 160, 127

■ 0, 27, 127

■ 143, 173, 127

■ 149, 186, 127

■ 153, 198, 127

Harmonies

Analogous

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



61, 85, 126



84, 93, 127



106, 90, 120

Triad

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



84, 93, 127



126, 90, 76



65, 91, 104

Complementary

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



84, 93, 127



99, 127, 84

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.



71, 101, 89



84, 93, 127



116, 116, 66

Square

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



84, 93, 127



128, 84, 90



68, 101, 64



49, 78, 105

Rectangle

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



84, 93, 127



117, 87, 112



68, 101, 64



71, 96, 103

Sweetspot

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



84, 93, 127



149, 153, 166



84, 109, 127



74, 76, 84



212, 212, 212



84, 84, 84

Same Dimension

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



84, 93, 127



98, 112, 166



94, 84, 127



57, 59, 64



0, 27, 128



0, 0, 0

Inverse Universe

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



127, 84, 95



166, 98, 116



84, 127, 94



64, 57, 59



128, 0, 34



0, 0, 0

Previews

White Background



This preview shows how the RYB color 84, 93, 127 looks on a white background.

Color Contrast Check

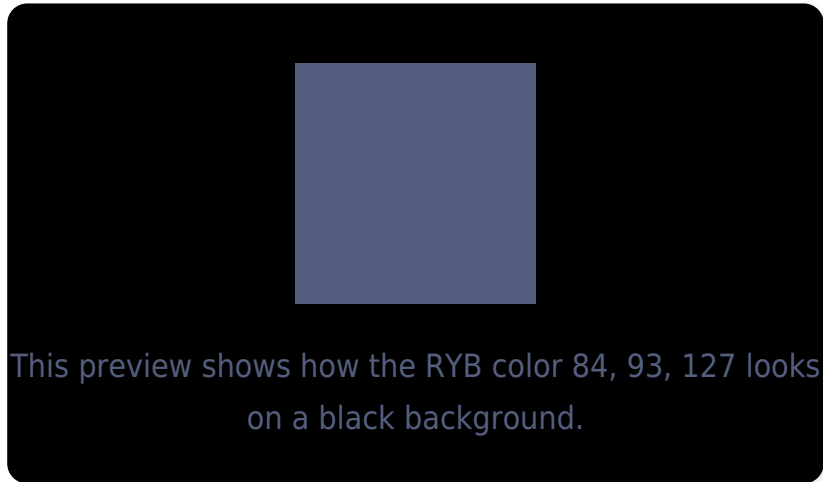
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

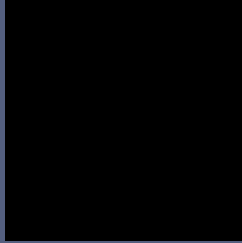
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

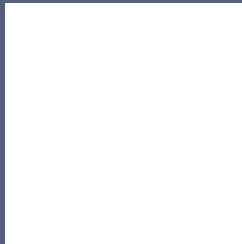
Any Text WCAG AAA × Fail

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

R Y B 84, 93, 127 Background



This preview shows how black text looks on a background with the RYB color 84, 93, 127.

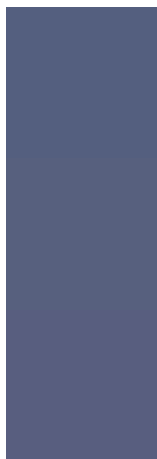


This preview shows how white text looks on a background with the RYB color 84, 93, 127.

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


84, 93, 127

Protanopia

87, 94, 126

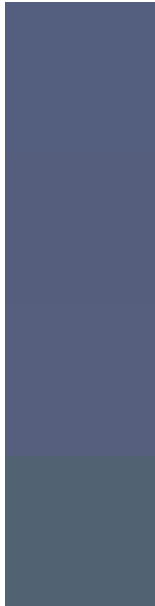
Deuteranopia

88, 93, 127



Tritanopia
79, 91, 107

Trichromacy



Original Color

84, 93, 127

Protanomaly

86, 93, 126

Deuteranomaly

87, 94, 127

Tritanomaly

81, 92, 114

Monochromacy



Original Color

84, 93, 127

Achromatopsia

96, 96, 96

Achromatomaly

92, 95, 107

CSS Examples

Text

The CSS property to change the color of the text to RYB 84, 93, 127 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(84, 95, 127) looks like.

```
.text, #text, p{  
    color:rgb(84, 95, 127)  
}
```

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(84, 95, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 95, 127) }
```

Border

The CSS property to change the border of an element to RYB 84, 93, 127 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(84, 95, 127) }
```

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

```
.border{ border-color:rgb(84, 95, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 95, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 95, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 95, 127);  
box-shadow:4px 4px 4px 4px rgb(84, 95,  
127) }
```

Background

The CSS property to change the background color of an element to RYB 84, 93, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 95, 127) }
```

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

```
.background{ background-color: rgb(84, 95,  
127) }
```

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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