

Converting Colors

`RYB(84, 113, 125)`

Have a look what the booklet for
RYB(84, 113, 125) contains.

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Color

R_YB(84, 113, 125)

Conversions

Conversions Part 1

Format	Color
Hex	547D65
RGB	84, 125, 101
RGB Percent	33%, 49%, 40%
CMY	0.6706, 0.5098, 0.6041
CMYK	0.33, 0.00, 0.19, 0.51
HSL	145°, 20%, 41%
HSV	145°, 33%, 49%
XYZ	13.3370, 17.4910, 14.9762
YIQ	110.0050, -16.7320, -16.1560

Conversions

Conversions Part 2

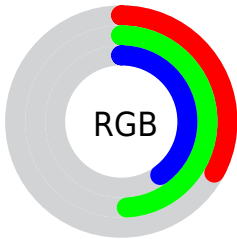
Format	Color
RYB	84, 113, 125
Decimal	5537125
CIELab	48.87, -19.80, 8.61
CIELCh	49, 21.593, 156.498
Yxy	17.4910, 0.2912, 0.3819
Android (android.graphics.Color)	4283727205 (0xFF547D65)
YUV	110.0050, -4.4395, -22.8064
Hunter-Lab	41.8222, -16.2654, 8.0442

Details

The RYB color **84, 113, 125** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **125, 84, 108**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **135, 166, 178**, and **36, 64, 76** is the 20% darker color. If you saturate the color by 10%, you get **72, 109, 125**, and if you desaturate by 10%, it is **97, 117, 125**.

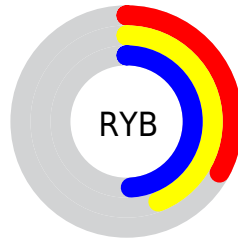
Distribution



Red (33%)

Green (49%)

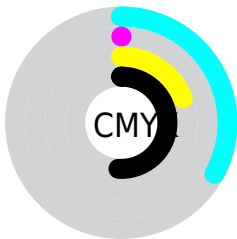
Blue (40%)



Red (33%)

Yellow (44%)

Blue (49%)

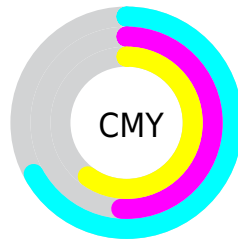


Cyan (33%)

Magenta (0%)

Yellow (19%)

Black (51%)



Cyan (67%)

Magenta (51%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 84, 113, 125 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, 113, 125 by changing the saturation by 10% instead.



84, 113, 125



84, 113, 125

255, 255, 255



60, 88, 100



135, 166, 178



36, 64, 76



161, 192, 205



12, 39, 53



189, 222, 234



0, 24, 32



217, 243, 255



0, 0, 0



245, 250, 255



84, 113, 125



84, 113, 125



72, 109, 125



97, 117, 125



59, 106, 125



109, 120, 125

■ 47, 102, 125

■ 122, 124, 125

■ 34, 98, 125

■ 134, 125, 130

■ 22, 95, 125

■ 147, 125, 138

■ 9, 91, 125

■ 159, 125, 145

■ 0, 88, 125

■ 172, 125, 152

■ 184, 125, 160

■ 197, 125, 167

Harmonies

Analogous

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



86, 122, 103



84, 113, 125



66, 98, 126

Triad

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



84, 113, 125



98, 112, 152



151, 107, 95

Complementary

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



84, 113, 125



125, 84, 108

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.



152, 103, 113



84, 113, 125



124, 110, 145

Square

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



84, 113, 125



73, 103, 149



143, 105, 131



141, 134, 83

Rectangle

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



84, 113, 125



59, 94, 132



143, 105, 131



153, 104, 101

Sweetspot

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



84, 113, 125



147, 158, 163



84, 125, 100



72, 79, 82



209, 209, 209



82, 82, 82

Same Dimension

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



84, 113, 125



100, 145, 163



84, 106, 125



57, 62, 64



0, 91, 128



0, 0, 0

Inverse Universe

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



125, 84, 108



163, 100, 137



125, 84, 88



64, 57, 61



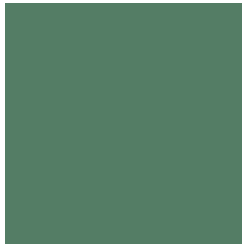
128, 0, 75



0, 0, 0

Previews

White Background



This preview shows how the RYB color 84, 113, 125 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 84, 113, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

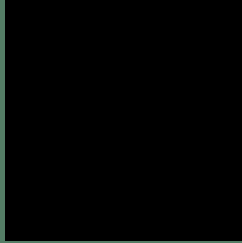
Any Text WCAG AA ✓ Pass

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 84, 113, 125 Background



This preview shows how black text looks on a background with the R Y B color 84, 113, 125.



This preview shows how white text looks on a background with the R Y B color 84, 113, 125.

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](#), [113](#), [125](#)

Protanopia
[106](#), [122](#), [96](#)

Deuteranopia
[131](#), [115](#), [104](#)



Tritanopia
90, 108, 131

Trichromacy



Original Color

84, 113, 125

Protanomaly

98, 119, 109

Deuteranomaly

103, 117, 106

Tritanomaly

88, 106, 122

Monochromacy



Original Color

84, 113, 125

Achromatopsia

110, 110, 110

Achromatomaly

101, 111, 115

CSS Examples

Text

The CSS property to change the color of the text to RYB 84, 113, 125 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, 125, 101)` looks like.

```
.text, #text, p{  
    color:rgb(84, 125, 101)  
}
```

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, 125, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 125, 101) }
```

Border

The CSS property to change the border of an element to RYB 84, 113, 125 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, 125, 101) }
```

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

```
.border{ border-color:rgb(84, 125, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 125, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 125, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 125, 101);  
box-shadow:4px 4px 4px 4px rgb(84, 125,  
101) }
```

Background

The CSS property to change the background color of an element to RYB 84, 113, 125 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 125, 101) }
```

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

```
.background{ background-color: rgb(84, 125,  
101) }
```

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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