

Converting Colors

`RYB(121, 135, 164)`

Have a look what the booklet for
RYB(121, 135, 164) contains.

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Color

`RYB(121, 135, 164)`

Conversions

Conversions Part 1

Format	Color
Hex	798EA4
RGB	121, 142, 164
RGB Percent	47%, 56%, 64%
CMY	0.5255, 0.4441, 0.3569
CMYK	0.26, 0.14, 0.00, 0.36
HSL	211°, 19%, 56%
HSV	211°, 26%, 64%
XYZ	24.2231, 26.0195, 38.8675
YIQ	138.2290, -19.5780, 2.3900

Conversions

Conversions Part 2

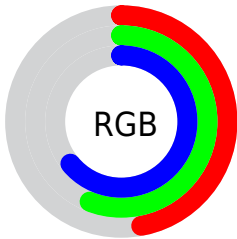
Format	Color
RYB	121, 135, 164
Decimal	7966372
CIELab	58.06, -2.20, -14.19
CIElCh	58, 14.362, 261.192
Yxy	26.0195, 0.2718, 0.2920
Android (android.graphics.Color)	4286156452 (0xFF798EA4)
YUV	138.2290, 12.7051, -15.1098
Hunter-Lab	51.0093, -4.5010, -9.4706

Details

The RYB color **121, 135, 164** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **162, 164, 121**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **174, 189, 219**, and **71, 85, 112** is the 20% darker color. If you saturate the color by 10%, you get **105, 124, 164**, and if you desaturate by 10%, it is **137, 146, 164**.

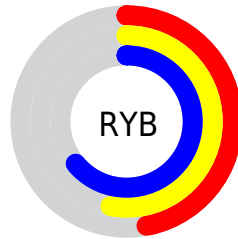
Distribution



Red (47%)

Green (56%)

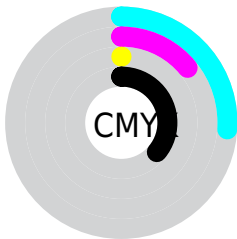
Blue (64%)



Red (47%)

Yellow (53%)

Blue (64%)

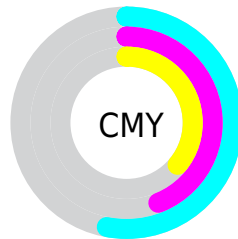


Cyan (26%)

Magenta (14%)

Yellow (0%)

Black (36%)



Cyan (53%)

Magenta (44%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 135, 164 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 121, 135, 164 by changing the saturation by 10% instead.

■ 121, 135, 164

255, 255, 255

■ 174, 188, 219

■ 202, 216, 247

■ 230, 242, 255

■ 121, 135, 164

■ 96, 110, 138

■ 71, 85, 112

■ 48, 61, 88

■ 24, 38, 64

■ 1, 16, 42

■ 0, 1, 22

■ 0, 0, 0

■ 121, 135, 164

■ 105, 124, 164

■ 121, 135, 164

■ 137, 146, 164

■ 88, 113, 164

■ 154, 157, 164

■ 72, 102, 164

■ 170, 170, 164

■ 55, 91, 164

■ 185, 187, 164

■ 39, 80, 164

■ 201, 203, 164

■ 23, 69, 164

■ 213, 219, 164

■ 6, 57, 164

■ 232, 236, 164

■ 0, 53, 164

■ 244, 252, 164

■ 226, 255, 164

Harmonies

Analogous

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



109, 130, 159



121, 135, 164



137, 138, 163

Triad

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



121, 135, 164



166, 131, 131



123, 145, 143

Complementary

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



121, 135, 164



162, 164, 121

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.



116, 141, 117



121, 135, 164



163, 141, 120

Square

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



121, 135, 164



163, 131, 144



143, 153, 115



113, 134, 147

Rectangle

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



121, 135, 164



148, 135, 158



143, 153, 115



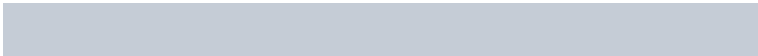
120, 144, 134

Sweetspot

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



121, 135, 164



197, 202, 214



121, 149, 164



96, 100, 107



235, 235, 235



107, 107, 107

Same Dimension

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



121, 135, 164



148, 170, 214



122, 121, 164



73, 76, 82



0, 47, 145



0, 6, 18

Inverse Universe

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



164, 121, 142



214, 148, 180



121, 164, 122



82, 73, 77



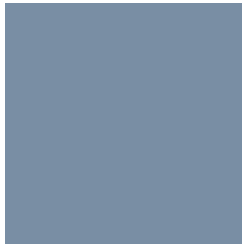
145, 0, 70



18, 0, 9

Previews

White Background



This preview shows how the RYB color 121, 135, 164 looks on a white 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

Black Background



This preview shows how the RYB color 121, 135, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

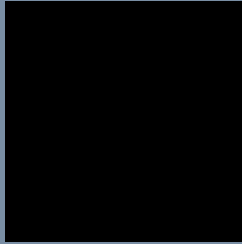
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

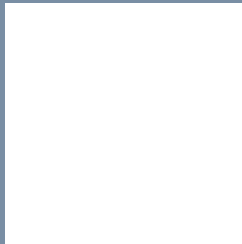
Any Text WCAG AAA × Fail

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

RYB 121, 135, 164 Background



This preview shows how black text looks on a background with the RYB color 121, 135, 164.



This preview shows how white text looks on a background with the RYB color 121, 135, 164.

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

[121](#), [135](#), [164](#)

Protanopia

[135](#), [138](#), [162](#)

Deuteranopia

[140](#), [136](#), [165](#)



Tritanopia
119, 133, 155

Trichromacy



Original Color
121, 135, 164

Protanomaly
130, 137, 163

Deuteranomaly
133, 137, 165

Tritanomaly
120, 134, 158

Monochromacy



Original Color
121, 135, 164

Achromatopsia
138, 138, 138

Achromatomaly
132, 137, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 135, 164 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(121, 142, 164)` looks like.

```
.text, #text, p{  
    color:rgb(121, 142, 164)  
}
```

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(121, 142, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 142, 164) }
```

Border

The CSS property to change the border of an element to RYB 121, 135, 164 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(121, 142, 164) }
```

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

```
.border{ border-color:rgb(121, 142, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 142, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 142, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 142, 164);  
box-shadow:4px 4px 4px 4px rgb(121, 142,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 121, 135, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 142, 164) }
```

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

```
.background{ background-color: rgb(121,  
142, 164) }
```

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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