

Converting Colors

`RYB(85, 110, 141)`

Have a look what the booklet for
RYB(85, 110, 141) contains.

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Color

R_YB(85, 110, 141)

Conversions

Conversions Part 1

Format	Color
Hex	55828D
RGB	85, 130, 141
RGB Percent	33%, 51%, 55%
CMY	0.6667, 0.4896, 0.4471
CMYK	0.40, 0.08, 0.00, 0.45
HSL	192°, 25%, 44%
HSV	192°, 40%, 55%
XYZ	16.5581, 19.8626, 28.1605
YIQ	117.7990, -30.3510, -6.1190

Conversions

Conversions Part 2

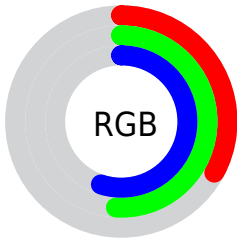
Format	Color
R_{YB}	85, 110, 141
Decimal	5603981
CIE _{Lab}	51.68, -12.48, -10.73
CIE _{LCh}	52, 16.461, 220.697
Yxy	19.8626, 0.2564, 0.3076
Android (android.graphics.Color)	4283794061 (0xFF55828D)
YUV	117.7990, 11.4381, -28.7647
Hunter-Lab	44.5675, -11.6750, -6.2658

Details

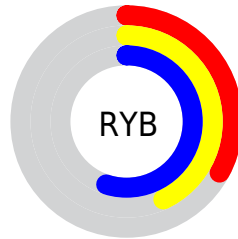
The RYB color **85, 110, 141** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **141, 99, 85**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **137, 163, 195**, and **34, 60, 91** is the 20% darker color. If you saturate the color by 10%, you get **71, 102, 141**, and if you desaturate by 10%, it is **99, 118, 141**.

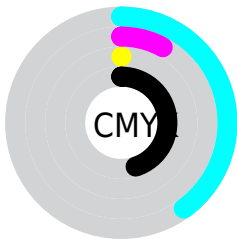
Distribution



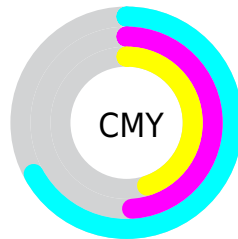
- Red (33%)
- Green (51%)
- Blue (55%)



- Red (33%)
- Yellow (43%)
- Blue (55%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)
- Black (45%)



- Cyan (67%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 85, 110, 141 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, 110, 141 by changing the saturation by 10% instead.



85, 110, 141



85, 110, 141

255, 255, 255



60, 85, 115



137, 163, 195



34, 60, 91



164, 190, 223



3, 33, 67



192, 218, 251



0, 20, 45



220, 238, 255



0, 9, 25



249, 252, 255



0, 0, 0



85, 110, 141



85, 110, 141



71, 102, 141



99, 118, 141



57, 95, 141



113, 126, 141

■ 43, 87, 141

■ 127, 133, 141

■ 29, 79, 141

■ 141, 141, 141

■ 14, 71, 141

■ 155, 145, 141

■ 0, 63, 141

■ 170, 149, 141

■ 184, 151, 141

■ 198, 155, 141

■ 212, 158, 141

Harmonies

Analogous

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



86, 109, 131



85, 110, 141



96, 116, 149

Triad

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



85, 110, 141



146, 114, 133



102, 129, 96

Complementary

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



85, 110, 141



141, 99, 85

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.



142, 140, 97



85, 110, 141



152, 113, 119

Square

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



85, 110, 141



132, 118, 145



151, 118, 105



102, 128, 117

Rectangle

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



85, 110, 141



107, 119, 151



151, 118, 105



112, 134, 95

Sweetspot

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



85, 110, 141



162, 172, 184



85, 133, 141



79, 85, 92



219, 219, 219



92, 92, 92

Same Dimension

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



85, 110, 141



95, 135, 184



85, 99, 141



64, 67, 71



0, 60, 135



0, 3, 8

Inverse Universe

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



141, 85, 130



184, 95, 167



112, 141, 85



71, 64, 70



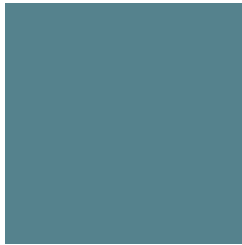
135, 0, 109



8, 0, 6

Previews

White Background



This preview shows how the RYB color 85, 110, 141 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 85, 110, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

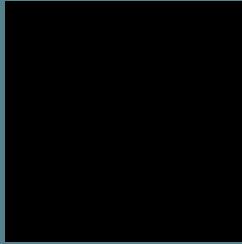
Any Text WCAG AA ✓ Pass

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 85, 110, 141 Background



This preview shows how black text looks on a background with the R Y B color 85, 110, 141.



This preview shows how white text looks on a background with the R Y B color 85, 110, 141.

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, 110, 141

Protanopia

121, 122, 136

Deuteranopia

125, 120, 143



Tritanopia
85, 110, 141

Trichromacy



Original Color
85, 110, 141

Protanomaly
108, 119, 138

Deuteranomaly
110, 120, 142

Tritanomaly
85, 110, 141

Monochromacy



Original Color
85, 110, 141

Achromatopsia
118, 118, 118

Achromatomaly
106, 115, 126

CSS Examples

Text

The CSS property to change the color of the text to RYB 85, 110, 141 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, 130, 141)` looks like.

```
.text, #text, p{  
    color:rgb(85, 130, 141)  
}
```

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, 130, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 130, 141) }
```

Border

The CSS property to change the border of an element to RYB 85, 110, 141 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, 130, 141) }
```

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

```
.border{ border-color:rgb(85, 130, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 130, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 130, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 130, 141);  
box-shadow:4px 4px 4px 4px rgb(85, 130,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 85, 110, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 130, 141) }
```

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

```
.background{ background-color: rgb(85, 130,  
141) }
```

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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