

Converting Colors

`RYB(96, 101, 141)`

Have a look what the booklet for
RYB(96, 101, 141) contains.

RYB(96, 101, 141)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(96, 101, 141)

Conversions

Conversions Part 1

Format	Color
Hex	60668D
RGB	96, 102, 141
RGB Percent	38%, 40%, 55%
CMY	0.6235, 0.6015, 0.4471
CMYK	0.32, 0.28, 0.00, 0.45
HSL	232°, 19%, 46%
HSV	232°, 32%, 55%
XYZ	14.3462, 13.8391, 27.1144
YIQ	104.6520, -16.0950, 10.8570

Conversions

Conversions Part 2

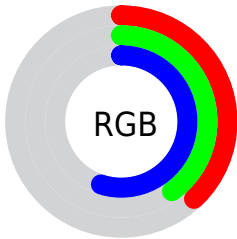
Format	Color
R_{YB}	96, 101, 141
Decimal	6317709
CIE Lab	44.00, 7.59, -22.38
CIE LCh	44, 23.630, 288.738
Yxy	13.8391, 0.2594, 0.2503
Android (android.graphics.Color)	4284507789 (0xFF60668D)
YUV	104.6520, 17.9196, -7.5878
Hunter-Lab	37.2009, 3.7353, -17.1737

Details

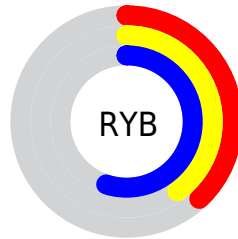
The RYB color **96, 101, 141** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **103, 141, 96**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **148, 153, 195**, and **47, 54, 91** is the 20% darker color. If you saturate the color by 10%, you get **82, 88, 141**, and if you desaturate by 10%, it is **110, 114, 141**.

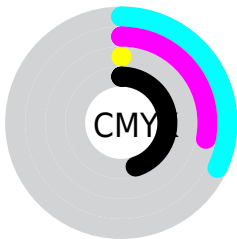
Distribution



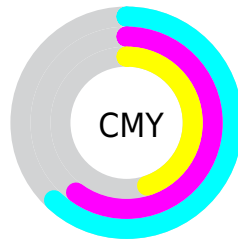
- Red (38%)
- Green (40%)
- Blue (55%)



- Red (38%)
- Yellow (40%)
- Blue (55%)



- Cyan (32%)
- Magenta (28%)
- Yellow (0%)
- Black (45%)



- Cyan (62%)
- Magenta (60%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 96, 101, 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 96, 101, 141 by changing the saturation by 10% instead.



96, 101, 141



96, 101, 141

255, 255, 255



71, 77, 115



148, 152, 195



47, 54, 91



175, 179, 223



24, 32, 67



202, 207, 251



1, 9, 45



231, 234, 255



0, 1, 24



0, 0, 0



96, 101, 141



96, 101, 141



82, 88, 141



110, 114, 141



68, 76, 141



124, 126, 141

■ 54, 64, 141

■ 138, 139, 141

■ 40, 51, 141

■ 142, 152, 141

■ 25, 38, 141

■ 146, 167, 141

■ 11, 26, 141

■ 147, 181, 141

■ 0, 16, 141

■ 149, 195, 141

■ 151, 209, 141

■ 152, 223, 141

Harmonies

Analogous

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



65, 93, 142



96, 101, 141



122, 95, 130

Triad

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



96, 101, 141



138, 102, 75



59, 92, 114

Complementary

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



96, 101, 141



103, 141, 96

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.



78, 111, 106



96, 101, 141



107, 124, 66

Square

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



96, 101, 141



143, 90, 92



66, 107, 68



38, 77, 116

Rectangle

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



96, 101, 141



134, 91, 119



66, 107, 68



67, 99, 114

Sweetspot

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



96, 101, 141



165, 168, 184



96, 120, 141



81, 82, 92



219, 219, 219



92, 92, 92

Same Dimension

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



96, 101, 141



114, 122, 184



112, 96, 141



64, 65, 71



0, 15, 135



0, 1, 8

Inverse Universe

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



141, 96, 102



184, 114, 123



96, 141, 112



71, 64, 65



135, 0, 17



8, 0, 1

Previews

White Background



This preview shows how the RYB color 96, 101, 141 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 96, 101, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

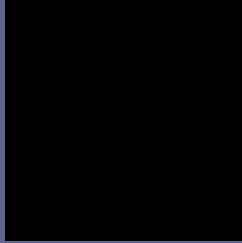
Any Text WCAG AA × Fail

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 96, 101, 141 Background



This preview shows how black text looks on a background with the RYB color 96, 101, 141.



This preview shows how white text looks on a background with the RYB color 96, 101, 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

96, 101, 141

Protanopia

92, 101, 142

Deuteranopia

93, 101, 141



Tritanopia
90, 100, 115

Trichromacy



Original Color

96, 101, 141

Protanomaly

93, 101, 142

Deuteranomaly

94, 101, 141

Tritanomaly

92, 101, 124

Monochromacy



Original Color

96, 101, 141

Achromatopsia

104, 104, 104

Achromatomaly

101, 103, 117

CSS Examples

Text

The CSS property to change the color of the text to RYB 96, 101, 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(96, 102, 141) looks like.

```
.text, #text, p{  
    color:rgb(96, 102, 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(96, 102, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 102, 141) }
```

Border

The CSS property to change the border of an element to RYB 96, 101, 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(96, 102, 141) }
```

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

```
.border{ border-color:rgb(96, 102, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 102, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 102, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 102, 141);  
box-shadow:4px 4px 4px 4px rgb(96, 102,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 96, 101, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 102, 141) }
```

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

```
.background{ background-color: rgb(96, 102,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor