

Converting Colors

`RYB(108, 98, 143)`

Have a look what the booklet for
RYB(108, 98, 143) contains.

RYB(108, 98, 143)	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(108, 98, 143)

Conversions

Conversions Part 1

Format	Color
Hex	6C628F
RGB	108, 98, 143
RGB Percent	42%, 38%, 56%
CMY	0.5765, 0.6157, 0.4392
CMYK	0.24, 0.31, 0.00, 0.44
HSL	253°, 19%, 47%
HSV	253°, 31%, 56%
XYZ	15.5099, 13.9067, 27.8534
YIQ	106.1200, -8.4850, 16.1150

Conversions

Conversions Part 2

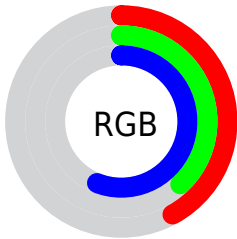
Format	Color
R_{YB}	108, 98, 143
Decimal	7103119
CIE Lab	44.10, 14.18, -23.34
CIE LCh	44, 27.313, 301.283
Yxy	13.9067, 0.2708, 0.2428
Android (android.graphics.Color)	4285293199 (0xFF6C628F)
YUV	106.1200, 18.1818, 1.6488
Hunter-Lab	37.2917, 8.9794, -18.1799

Details

The RYB color **108, 98, 143** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **98, 143, 108**, and the grayscale version is **106, 106, 106**.

A 20% lighter version of the original color is **160, 149, 197**, and **59, 52, 92** is the 20% darker color. If you saturate the color by 10%, you get **97, 84, 143**, and if you desaturate by 10%, it is **119, 112, 143**.

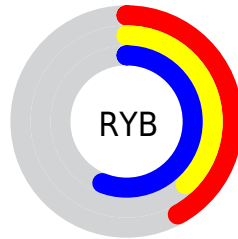
Distribution



Red (42%)

Green (38%)

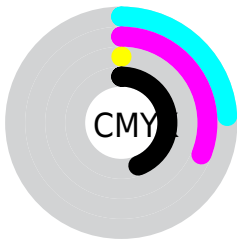
Blue (56%)



Red (42%)

Yellow (38%)

Blue (56%)

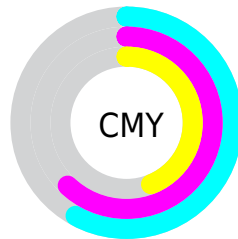


Cyan (24%)

Magenta (31%)

Yellow (0%)

Black (44%)



Cyan (58%)

Magenta (62%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 98, 143 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 108, 98, 143 by changing the saturation by 10% instead.



108, 98, 143



108, 98, 143

255, 255, 255



83, 74, 117



160, 149, 197



59, 52, 92



187, 175, 225



36, 30, 69



215, 203, 254



16, 7, 46



244, 231, 255



0, 1, 25



0, 0, 0



108, 98, 143



108, 98, 143



97, 84, 143



119, 112, 143



86, 69, 143



130, 127, 143

■ 75, 55, 143

■ 141, 141, 143

■ 64, 41, 143

■ 143, 155, 146

■ 52, 27, 143

■ 143, 170, 149

■ 41, 12, 143

■ 143, 184, 152

■ 32, 0, 143

■ 143, 198, 155

■ 143, 212, 158

■ 143, 227, 162

Harmonies

Analogous

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



72, 96, 149



108, 98, 143



134, 90, 126

Triad

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



108, 98, 143



137, 116, 65



34, 78, 116

Complementary

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



108, 98, 143



98, 143, 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.



67, 103, 114



108, 98, 143



78, 118, 58

Square

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



108, 98, 143



147, 90, 82



65, 110, 81



0, 61, 127

Rectangle

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



108, 98, 143



144, 87, 112



65, 110, 81



46, 86, 116

Sweetspot

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



108, 98, 143



173, 169, 186



98, 118, 143



86, 84, 94



222, 222, 222



94, 94, 94

Same Dimension

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



108, 98, 143



131, 115, 186



130, 98, 143



66, 64, 71



30, 0, 135



2, 0, 8

Inverse Universe

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



143, 98, 133



186, 115, 170



98, 143, 130



71, 64, 70



135, 0, 105



8, 0, 6

Previews

White Background



This preview shows how the RYB color 108, 98, 143 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 108, 98, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

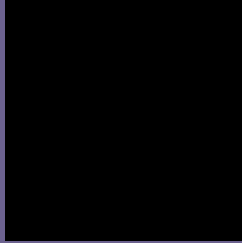
Any Text WCAG AA × Fail

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 108, 98, 143 Background



This preview shows how black text looks on a background with the R Y B color 108, 98, 143.



This preview shows how white text looks on a background with the R Y B color 108, 98, 143.

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


108, 98, 143

Protanopia

91, 101, 147

Deuteranopia

93, 101, 142



Tritanopia
102, 104, 112

Trichromacy



Original Color

108, 98, 143

Protanomaly

97, 101, 146

Deuteranomaly

98, 101, 142

Tritanomaly

104, 102, 123

Monochromacy



Original Color

108, 98, 143

Achromatopsia

106, 106, 106

Achromatomaly

107, 103, 119

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 98, 143 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(108, 98, 143)` looks like.

```
.text, #text, p{  
    color:rgb(108, 98, 143)  
}
```

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(108, 98, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 98, 143) }
```

Border

The CSS property to change the border of an element to RYB 108, 98, 143 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(108, 98, 143) }
```

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

```
.border{ border-color:rgb(108, 98, 143) }
```

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

Here you see how a box with a 4 pixel rgb(108, 98, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 98, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 98, 143);  
box-shadow:4px 4px 4px 4px rgb(108, 98,  
143) }
```

Background

The CSS property to change the background color of an element to RGB 108, 98, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 98, 143) }
```

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

```
.background{ background-color: rgb(108, 98,  
143) }
```

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