

Converting Colors

`RYB(102, 124, 153)`

Have a look what the booklet for
RYB(102, 124, 153) contains.

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Color

`RYB(102, 124, 153)`

Conversions

Conversions Part 1

Format	Color
Hex	668D99
RGB	102, 141, 153
RGB Percent	40%, 55%, 60%
CMY	0.6000, 0.4483, 0.4000
CMYK	0.33, 0.08, 0.00, 0.40
HSL	194°, 20%, 50%
HSV	194°, 33%, 60%
XYZ	20.7084, 24.0830, 33.6940
YIQ	130.7070, -27.0960, -4.5360

Conversions

Conversions Part 2

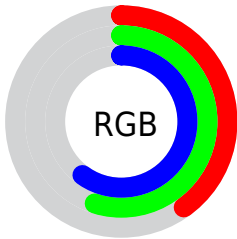
Format	Color
R_{YB}	102, 124, 153
Decimal	6720921
CIE _{Lab}	56.17, -10.22, -10.85
CIE _{LCh}	56, 14.899, 226.714
Yxy	24.0830, 0.2639, 0.3068
Android (android.graphics.Color)	4284911001 (0xFF668D99)
YUV	130.7070, 10.9904, -25.1760
Hunter-Lab	49.0745, -10.5569, -6.3558

Details

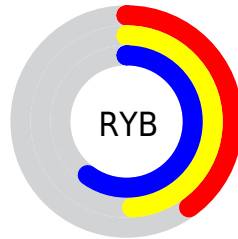
The RYB color **102, 124, 153** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **153, 118, 102**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **155, 178, 207**, and **52, 74, 102** is the 20% darker color. If you saturate the color by 10%, you get **87, 115, 153**, and if you desaturate by 10%, it is **117, 132, 153**.

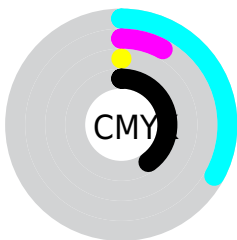
Distribution



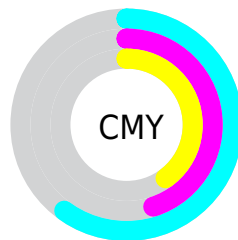
- Red (40%)
- Green (55%)
- Blue (60%)



- Red (40%)
- Yellow (49%)
- Blue (60%)



- Cyan (33%)
- Magenta (8%)
- Yellow (0%)
- Black (40%)



- Cyan (60%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 102, 124, 153 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 102, 124, 153 by changing the saturation by 10% instead.

■ 102, 124, 153

255, 255, 255

■ 155, 177, 207

■ 182, 205, 236

■ 210, 231, 255

■ 239, 247, 255

■ 102, 124, 153

■ 77, 99, 127

■ 52, 74, 102

■ 27, 49, 78

■ 0, 25, 55

■ 0, 14, 34

■ 0, 0, 10

■ 0, 0, 0

■ 102, 124, 153

■ 87, 115, 153

■ 102, 124, 153

■ 117, 132, 153

71, 106, 153

133, 142, 153

56, 98, 153

148, 150, 153

41, 89, 153

163, 156, 153

26, 81, 153

179, 161, 153

10, 72, 153

194, 166, 153

0, 66, 153

209, 172, 153

224, 175, 153

240, 181, 153

Harmonies

Analogous

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



101, 122, 142



102, 124, 153



113, 129, 159

Triad

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



102, 124, 153



157, 126, 141



111, 137, 110

Complementary

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



102, 124, 153



153, 118, 102

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.



143, 150, 110



102, 124, 153



162, 126, 128

Square

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



102, 124, 153



146, 129, 152



159, 133, 116



117, 140, 135

Rectangle

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



102, 124, 153



124, 132, 160



159, 133, 116



118, 142, 109

Sweetspot

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



102, 124, 153



179, 188, 199



102, 143, 153



88, 93, 99



227, 227, 227



99, 99, 99

Same Dimension

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



102, 124, 153



119, 154, 199



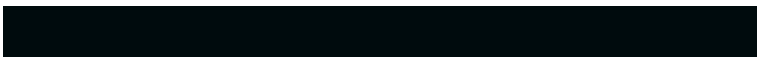
102, 113, 153



69, 72, 77



0, 60, 140



0, 6, 13

Inverse Universe

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



153, 102, 141



199, 119, 180



121, 153, 102



77, 69, 75



140, 0, 106



13, 0, 10

Previews

White Background



This preview shows how the RYB color 102, 124, 153 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 102, 124, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

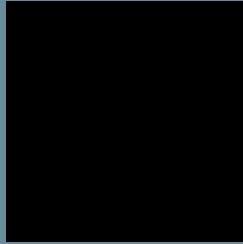
Any Text WCAG AA ✓ Pass

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 102, 124, 153 Background



This preview shows how black text looks on a background with the R Y B color 102, 124, 153.



This preview shows how white text looks on a background with the R Y B color 102, 124, 153.

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





Tritanopia
102, 124, 152

Trichromacy



Original Color

102, 124, 153

Protanomaly

121, 131, 150

Deuteranomaly

124, 132, 154

Tritanomaly

102, 124, 152

Monochromacy



Original Color

102, 124, 153

Achromatopsia

131, 131, 131

Achromatomaly

120, 128, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 102, 124, 153 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(102, 141, 153)` looks like.

```
.text, #text, p{  
    color:rgb(102, 141, 153)  
}
```

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(102, 141, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 141, 153) }
```

Border

The CSS property to change the border of an element to RYB 102, 124, 153 is called "border". The border property can be set on classes, ids or directly on the HTML element.

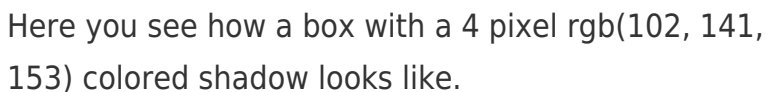
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(102, 141, 153) }
```

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

```
.border{ border-color:rgb(102, 141, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(102, 141, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 141, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 141, 153); box-shadow:4px 4px 4px 4px rgb(102, 141, 153) }
```

Background

The CSS property to change the background color of an element to RYB 102, 124, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 141, 153) }
```

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

```
.background{ background-color: rgb(102,  
141, 153) }
```

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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