

Converting Colors

`RYB(104, 124, 199)`

Have a look what the booklet for
RYB(104, 124, 199) contains.

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Color

R_YB(104, 124, 199)

Conversions

Conversions Part 1

Format	Color
Hex	6881C7
RGB	104, 129, 199
RGB Percent	41%, 51%, 78%
CMY	0.5922, 0.4928, 0.2196
CMYK	0.48, 0.35, 0.00, 0.22
HSL	224°, 46%, 59%
HSV	224°, 48%, 78%
XYZ	23.9120, 22.8551, 57.1840
YIQ	129.5050, -37.3700, 16.4700

Conversions

Conversions Part 2

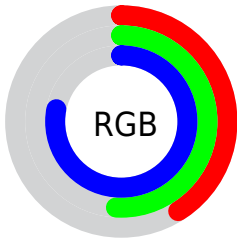
Format	Color
R_{YB}	104, 124, 199
Decimal	6848967
CIE _{Lab}	54.92, 9.94, -39.08
CIE _{LCh}	55, 40.326, 284.272
Yxy	22.8551, 0.2300, 0.2199
Android (android.graphics.Color)	4285039047 (0xFF6881C7)
YUV	129.5050, 34.2610, -22.3679
Hunter-Lab	47.8070, 5.6195, -37.4545

Details

The RYB color **104, 124, 199** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **138, 199, 104**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **159, 178, 255**, and **47, 72, 145** is the 20% darker color. If you saturate the color by 10%, you get **84, 108, 199**, and if you desaturate by 10%, it is **124, 140, 199**.

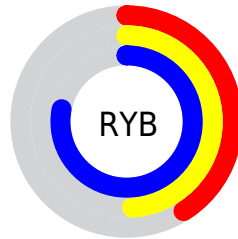
Distribution



Red (41%)

Green (51%)

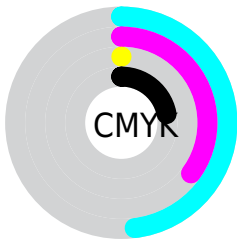
Blue (78%)



Red (41%)

Yellow (49%)

Blue (78%)

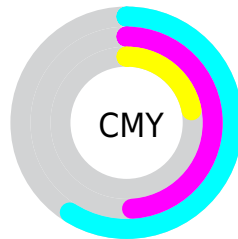


Cyan (48%)

Magenta (35%)

Yellow (0%)

Black (22%)



Cyan (59%)


Magenta (49%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 104, 124, 199 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 104, 124, 199 by changing the saturation by 10% instead.

 104, 124, 199


255, 255, 255

 159, 178, 255

 188, 204, 255

 217, 231, 255

 246, 251, 255

 104, 124, 199

 76, 98, 171


 47, 72, 145

 8, 42, 119

 0, 27, 94


 0, 13, 70

 0, 4, 47

 0, 1, 25

 0, 0, 0

 104, 124, 199

 104, 124, 199

■ 84, 108, 199

■ 124, 140, 199

■ 64, 92, 199

■ 144, 156, 199

■ 44, 77, 199

■ 164, 171, 199

■ 24, 61, 199

■ 184, 187, 199

■ 4, 45, 199

■ 202, 204, 199

■ 0, 42, 199

■ 207, 223, 199

■ 216, 243, 199

■ 210, 255, 199

■ 199, 255, 199

Harmonies

Analogous

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



0, 82, 198



104, 124, 199



156, 116, 182

Triad

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



104, 124, 199



190, 120, 84



42, 106, 148

Complementary

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



104, 124, 199



138, 199, 104

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.



80, 143, 126



104, 124, 199



142, 168, 63

Square

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



104, 124, 199



198, 103, 116



62, 136, 61



0, 75, 149

Rectangle

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



104, 124, 199



179, 108, 162



62, 136, 61



65, 122, 147

Sweetspot

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



104, 124, 199



219, 227, 255



104, 159, 199



106, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



104, 124, 199



110, 140, 255



125, 104, 199



90, 92, 99



0, 35, 163



0, 8, 36

Inverse Universe

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



199, 104, 129



255, 110, 148



104, 199, 126



99, 90, 92



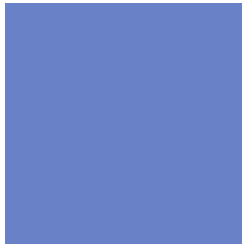
163, 0, 44



36, 0, 10

Previews

White Background



This preview shows how the RYB color 104, 124, 199 looks on a white background.

Color Contrast Check

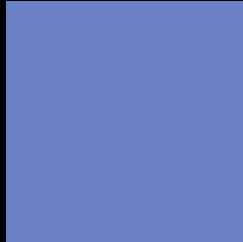
Large Text (above 18pt) WCAG AA ✓ Pass

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 104, 124, 199 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 104, 124, 199 Background



This preview shows how black text looks on a background with the RYB color 104, 124, 199.

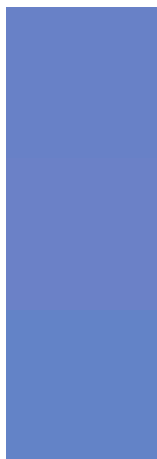


This preview shows how white text looks on a background with the RYB color 104, 124, 199.

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


104, 124, 199

Protanopia

107, 125, 199

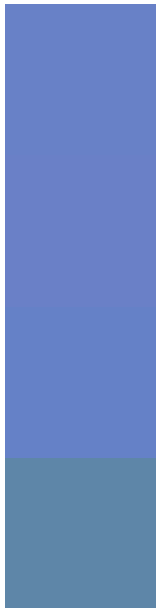
Deuteranopia

99, 123, 199



Tritanopia
89, 116, 150

Trichromacy



Original Color

104, 124, 199

Protanomaly

106, 124, 199

Deuteranomaly

101, 123, 199

Tritanomaly

94, 120, 168

Monochromacy



Original Color

104, 124, 199

Achromatopsia

130, 130, 130

Achromatomaly

121, 128, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 104, 124, 199 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(104, 129, 199)` looks like.

```
.text, #text, p{  
    color:rgb(104, 129, 199)  
}
```

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(104, 129, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 129, 199) }
```

Border

The CSS property to change the border of an element to RYB 104, 124, 199 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(104, 129, 199) }
```

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

```
.border{ border-color:rgb(104, 129, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 129, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 129, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 129, 199); box-shadow:4px 4px 4px 4px rgb(104, 129, 199) }
```

Background

The CSS property to change the background color of an element to RYB 104, 124, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 129, 199) }
```

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

```
.background{ background-color: rgb(104,  
129, 199) }
```

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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