

Converting Colors

`RYB(124, 114, 134)`

Have a look what the booklet for
RYB(124, 114, 134) contains.

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Color

R_YB(124, 114, 134)

Conversions

Conversions Part 1

Format	Color
Hex	7C7286
RGB	124, 114, 134
RGB Percent	49%, 45%, 53%
CMY	0.5137, 0.5529, 0.4745
CMYK	0.07, 0.15, 0.00, 0.47
HSL	270°, 8%, 49%
HSV	270°, 15%, 53%
XYZ	18.6326, 18.0409, 25.0545
YIQ	119.2700, -0.4600, 8.3400

Conversions

Conversions Part 2

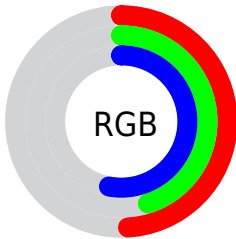
Format	Color
R_{YB}	124, 114, 134
Decimal	8155782
CIE Lab	49.55, 7.93, -9.55
CIE LCh	50, 12.412, 309.721
Yxy	18.0409, 0.3018, 0.2923
Android (android.graphics.Color)	4286345862 (0xFF7C7286)
YUV	119.2700, 7.2619, 4.1482
Hunter-Lab	42.4746, 3.9729, -5.2411

Details

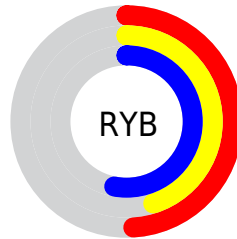
The RYB color **124, 114, 134** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **114, 134, 124**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **177, 166, 187**, and **75, 66, 84** is the 20% darker color. If you saturate the color by 10%, you get **117, 101, 134**, and if you desaturate by 10%, it is **131, 127, 134**.

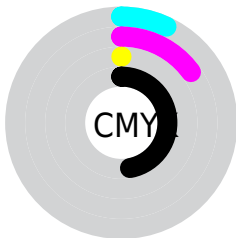
Distribution



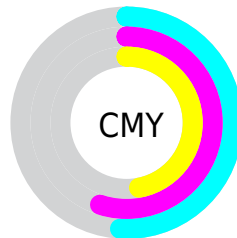
- Red (49%)
- Green (45%)
- Blue (53%)



- Red (49%)
- Yellow (45%)
- Blue (53%)



- Cyan (7%)
- Magenta (15%)
- Yellow (0%)
- Black (47%)



- Cyan (51%)
- Magenta (55%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 114, 134 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 124, 114, 134 by changing the saturation by 10% instead.

■ 124, 114, 134

255, 255, 255

■ 177, 166, 187

■ 204, 193, 215

■ 232, 221, 243

■ 255, 249, 255

■ 124, 114, 134

■ 99, 89, 109

■ 75, 66, 84

■ 52, 44, 61

■ 31, 23, 39

■ 6, 0, 19

■ 0, 0, 0

■ 124, 114, 134

■ 117, 101, 134

■ 111, 87, 134

■ 124, 114, 134

■ 131, 127, 134

■ 134, 141, 138

104, 74, 134

134, 154, 144

97, 60, 134

134, 168, 151

91, 47, 134

134, 181, 157

84, 34, 134

134, 194, 164

77, 20, 134

134, 208, 171

70, 7, 134

134, 221, 177

67, 0, 134

134, 235, 185

Harmonies

Analogous

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



111, 117, 138



124, 114, 134



135, 111, 125

Triad

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



124, 114, 134



133, 131, 98



91, 108, 124

Complementary

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



124, 114, 134



114, 134, 124

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.



99, 115, 123



124, 114, 134



103, 123, 97

Square

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



124, 114, 134



139, 114, 105



101, 121, 111



91, 109, 131

Rectangle

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



124, 114, 134



139, 111, 118



101, 121, 111



93, 110, 124

Sweetspot

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



124, 114, 134



170, 166, 173



114, 121, 134



85, 82, 87



214, 214, 214



87, 87, 87

Same Dimension

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



124, 114, 134



158, 142, 173



134, 114, 134



63, 60, 66



65, 0, 130



1, 0, 3

Inverse Universe

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



134, 114, 124



173, 142, 158



114, 134, 134



66, 60, 63



130, 0, 65



3, 0, 1

Previews

White Background



This preview shows how the RYB color 124, 114, 134 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 124, 114, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

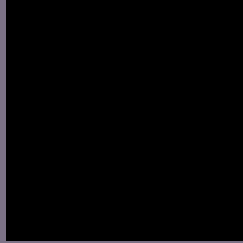
Any Text WCAG AA ✓ Pass

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 124, 114, 134 Background



This preview shows how black text looks on a background with the RYB color 124, 114, 134.



This preview shows how white text looks on a background with the RYB color 124, 114, 134.

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


124, 114, 134

Protanopia

114, 117, 136

Deuteranopia

122, 115, 134



Tritanopia
123, 116, 125

Trichromacy



Original Color

124, 114, 134

Protanomaly

118, 116, 135

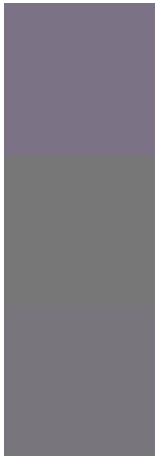
Deuteranomaly

123, 115, 134

Tritanomaly

123, 115, 128

Monochromacy



Original Color

124, 114, 134

Achromatopsia

119, 119, 119

Achromatomaly

121, 117, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 114, 134 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(124, 114, 134) looks like.

```
.text, #text, p{  
    color:rgb(124, 114, 134)  
}
```

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(124, 114, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 114, 134) }
```

Border

The CSS property to change the border of an element to RYB 124, 114, 134 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(124, 114, 134) }
```

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

```
.border{ border-color:rgb(124, 114, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 114, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 114, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 114, 134);  
box-shadow:4px 4px 4px 4px rgb(124, 114,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 124, 114, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 114, 134) }
```

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

```
.background{ background-color: rgb(124,  
114, 134) }
```

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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