

Converting Colors

`RYB(128, 123, 120)`

Have a look what the booklet for
RYB(128, 123, 120) contains.

RYB(128, 123, 120)	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(128, 123, 120)

Conversions

Conversions Part 1

Format	Color
Hex	807A78
RGB	128, 122, 120
RGB Percent	50%, 48%, 47%
CMY	0.4980, 0.5209, 0.5294
CMYK	0.00, 0.05, 0.06, 0.50
HSL	16°, 3%, 49%
HSV	16°, 6%, 50%
XYZ	19.2741, 19.9090, 20.5963
YIQ	123.5660, 4.2180, 0.6500

Conversions

Conversions Part 2

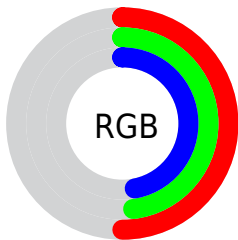
Format	Color
R_{YB}	128, 123, 120
Decimal	8419960
CIE Lab	51.73, 1.80, 1.97
CIE LCh	52, 2.669, 47.730
Yxy	19.9090, 0.3224, 0.3330
Android (android.graphics.Color)	4286610040 (0xFF807A78)
YUV	123.5660, -1.7580, 3.8886
Hunter-Lab	44.6195, -0.9782, 3.8655

Details

The RYB color **128, 123, 120** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **120, 123, 128**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **181, 175, 172**, and **79, 73, 72** is the 20% darker color. If you saturate the color by 10%, you get **128, 115, 107**, and if you desaturate by 10%, it is **128, 130, 133**.

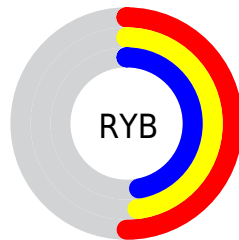
Distribution



Red (50%)

Green (48%)

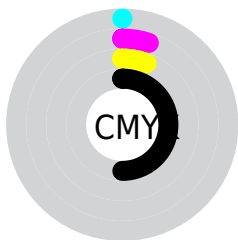
Blue (47%)



Red (50%)

Yellow (48%)

Blue (47%)

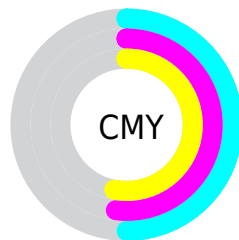


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (50%)



Cyan (50%)

Magenta (52%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 123, 120 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 128, 123, 120 by changing the saturation by 10% instead.

■ 128, 123, 120

255, 255, 255

■ 181, 177, 172

■ 208, 203, 200

■ 237, 231, 228

■ 128, 123, 120

■ 103, 98, 95

■ 79, 75, 72

■ 56, 52, 49

■ 35, 31, 28

■ 13, 6, 2

■ 0, 0, 0

■ 128, 123, 120

■ 128, 115, 107

■ 128, 108, 94

■ 128, 123, 120

■ 128, 130, 133

■ 128, 136, 146

■ 128, 98, 82

■ 128, 141, 158

■ 128, 91, 69

■ 128, 146, 171

■ 128, 84, 56

■ 128, 152, 184

■ 128, 75, 43

■ 128, 157, 197

■ 128, 67, 30

■ 128, 162, 210

■ 128, 59, 18

■ 128, 168, 222

■ 128, 50, 5

■ 128, 173, 235

Harmonies

Analogous

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



128, 122, 122



128, 123, 120



124, 126, 119

Triad

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



128, 123, 120



119, 123, 125



123, 123, 128

Complementary

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



128, 123, 120



120, 123, 128

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.



120, 123, 128



128, 123, 120



118, 122, 125

Square

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



128, 123, 120



120, 124, 123



118, 122, 127



125, 122, 126

Rectangle

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



128, 123, 120



122, 125, 119



118, 122, 127



122, 123, 128

Sweetspot

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



128, 123, 120



166, 163, 162



128, 120, 126



84, 84, 82



212, 212, 212



84, 84, 84

Same Dimension

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



128, 123, 120



166, 158, 152



123, 128, 120



64, 60, 57



128, 48, 0



0, 0, 0

Inverse Universe

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



120, 123, 128



152, 158, 166



120, 122, 128



57, 60, 64



0, 54, 128



0, 0, 0

Previews

White Background



This preview shows how the RYB color 128, 123, 120 looks on a white background.

Color Contrast Check

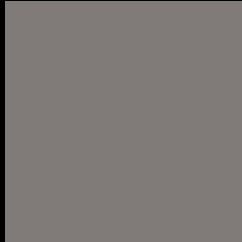
Large Text (above 18pt) WCAG AA ✓ Pass

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 128, 123, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

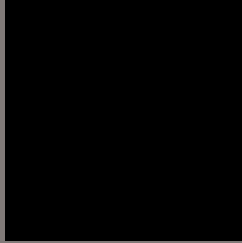
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

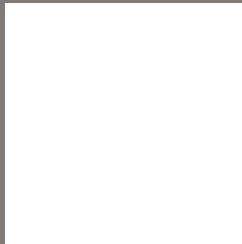
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 128, 123, 120 Background



This preview shows how black text looks on a background with the RYB color 128, 123, 120.



This preview shows how white text looks on a background with the RYB color 128, 123, 120.

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
128, 123, 120

Protanopia
126, 126, 120

Deuteranopia
136, 119, 121



Tritanopia
129, 121, 130

Trichromacy



Original Color

128, 123, 120

Protanomaly

127, 125, 120

Deuteranomaly

133, 120, 121

Tritanomaly

129, 121, 126

Monochromacy



Original Color

128, 123, 120

Achromatopsia

124, 124, 124

Achromatomaly

125, 123, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 123, 120 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(128, 122, 120)` looks like.

```
.text, #text, p{  
    color:rgb(128, 122, 120)  
}
```

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(128, 122, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 122, 120) }
```

Border

The CSS property to change the border of an element to RYB 128, 123, 120 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(128, 122, 120) }
```

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

```
.border{ border-color:rgb(128, 122, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 122, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 122, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 122, 120);  
box-shadow:4px 4px 4px 4px rgb(128, 122,  
120) }
```

Background

The CSS property to change the background color of an element to RYB 128, 123, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 122, 120) }
```

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

```
.background{ background-color: rgb(128,  
122, 120) }
```

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