

Converting Colors

`RYB(123, 128, 115)`

Have a look what the booklet for
RYB(123, 128, 115) contains.

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Color

R_YB(123, 128, 115)

Conversions

Conversions Part 1

Format	Color
Hex	807B73
RGB	128, 123, 115
RGB Percent	50%, 48%, 45%
CMY	0.4980, 0.5175, 0.5490
CMYK	0.00, 0.04, 0.10, 0.50
HSL	37°, 5%, 48%
HSV	37°, 10%, 50%
XYZ	19.0855, 20.0047, 19.0750
YIQ	123.5830, 5.5480, -1.4280

Conversions

Conversions Part 2

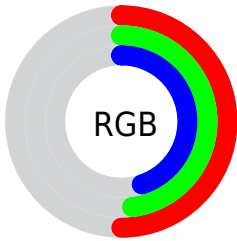
Format	Color
R_{YB}	123, 128, 115
Decimal	8420211
CIE Lab	51.84, 0.37, 5.06
CIE LCh	52, 5.074, 85.859
Yxy	20.0047, 0.3281, 0.3439
Android (android.graphics.Color)	4286610291 (0xFF807B73)
YUV	123.5830, -4.2314, 3.8737
Hunter-Lab	44.7267, -2.1033, 6.0226

Details

The RYB color **123, 128, 115** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115, 119, 128**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **178, 181, 167**, and **76, 79, 67** is the 20% darker color. If you saturate the color by 10%, you get **118, 128, 102**, and if you desaturate by 10%, it is **128, 128, 128**.

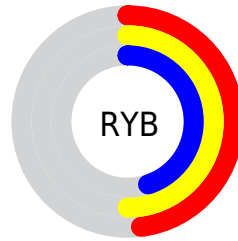
Distribution



Red (50%)

Green (48%)

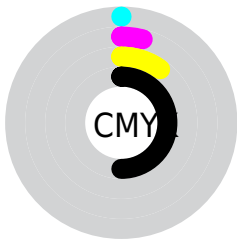
Blue (45%)



Red (48%)

Yellow (50%)

Blue (45%)

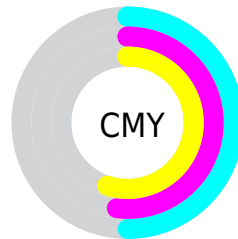


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (50%)



Cyan (50%)

Magenta (52%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 123, 128, 115 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 123, 128, 115 by changing the saturation by 10% instead.

 123, 128, 115

255, 255, 255


 178, 181, 167


 202, 208, 194


 232, 237, 222

 251, 255, 251

 123, 128, 115

 98, 103, 90

 76, 79, 67

 51, 56, 45

 28, 34, 24

 9, 11, 0


 0, 0, 0

 123, 128, 115

 118, 128, 102

 113, 128, 89

 123, 128, 115

 128, 128, 128

 128, 132, 141

■ 110, 128, 77

■ 128, 135, 153

■ 102, 128, 64

■ 128, 139, 166

■ 98, 128, 51

■ 128, 142, 179

■ 93, 128, 38

■ 128, 145, 192

■ 88, 128, 25

■ 128, 149, 205

■ 84, 128, 13

■ 128, 153, 217

■ 79, 128, 0

■ 128, 156, 230

Harmonies

Analogous

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



132, 125, 117



123, 128, 115



116, 124, 117

Triad

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



123, 128, 115



113, 120, 127



129, 121, 129

Complementary

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



123, 128, 115



115, 119, 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.



124, 123, 131



123, 128, 115



115, 121, 131

Square

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



123, 128, 115



114, 121, 126



119, 123, 132



132, 121, 124

Rectangle

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



123, 128, 115



117, 125, 122



119, 123, 132



127, 122, 130

Sweetspot

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



123, 128, 115



164, 166, 161



128, 115, 120



83, 84, 81



212, 212, 212



84, 84, 84

Same Dimension

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



123, 128, 115



159, 166, 146



115, 128, 117



62, 64, 57



79, 128, 0



0, 0, 0

Inverse Universe

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



115, 119, 128



146, 151, 166



117, 115, 128



57, 59, 64



0, 35, 128



0, 0, 0

Previews

White Background



This preview shows how the RYB color 123, 128, 115 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 123, 128, 115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

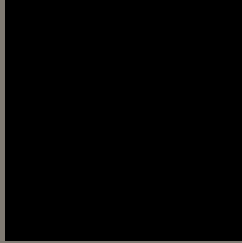
Any Text WCAG AA ✓ Pass

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 123, 128, 115 Background



This preview shows how black text looks on a background with the R Y B color 123, 128, 115.



This preview shows how white text looks on a background with the R Y B color 123, 128, 115.

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](#).

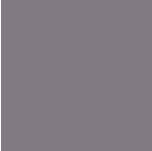
Dichromacy



Original Color
[123, 128, 115](#)

Protanopia
[123, 128, 115](#)

Deuteranopia
[138, 119, 116](#)



Tritanopia
130, 121, 130

Trichromacy



Original Color

123, 128, 115

Protanomaly

123, 128, 115

Deuteranomaly

134, 121, 116

Tritanomaly

129, 122, 125

Monochromacy



Original Color

123, 128, 115

Achromatopsia

124, 124, 124

Achromatomaly

122, 125, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 123, 128, 115 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, 123, 115)` looks like.

```
.text, #text, p{  
    color:rgb(128, 123, 115)  
}
```

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, 123, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 123, 115) }
```

Border

The CSS property to change the border of an element to RYB 123, 128, 115 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, 123, 115) }
```

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

```
.border{ border-color:rgb(128, 123, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 123, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 123, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 123, 115);  
box-shadow:4px 4px 4px 4px rgb(128, 123,  
115) }
```

Background

The CSS property to change the background color of an element to RYB 123, 128, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 123, 115) }
```

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

```
.background{ background-color: rgb(128,  
123, 115) }
```

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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