

Converting Colors

`RYB(91, 117, 110)`

Have a look what the booklet for
RYB(91, 117, 110) contains.

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Color

R_YB(91, 117, 110)

Conversions

Conversions Part 1

Format	Color
Hex	62755B
RGB	98, 117, 91
RGB Percent	38%, 46%, 36%
CMY	0.6157, 0.5412, 0.6431
CMYK	0.16, 0.00, 0.22, 0.54
HSL	104°, 12%, 41%
HSV	104°, 22%, 46%
XYZ	13.2866, 16.0746, 12.3000
YIQ	108.3550, -2.9780, -12.1140

Conversions

Conversions Part 2

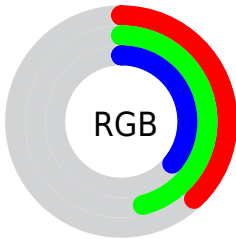
Format	Color
R_{YB}	91, 117, 110
Decimal	6452571
CIE _{Lab}	47.07, -12.37, 12.06
CIE _{LCh}	47, 17.277, 135.714
Yxy	16.0746, 0.3189, 0.3858
Android (android.graphics.Color)	4284642651 (0xFF62755B)
YUV	108.3550, -8.5560, -9.0813
Hunter-Lab	40.0931, -11.0091, 9.8759

Details

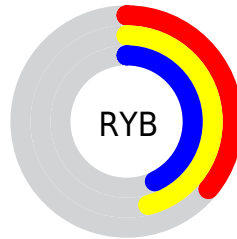
The RYB color **91, 117, 110** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **110, 91, 117**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **141, 169, 161**, and **45, 69, 63** is the 20% darker color. If you saturate the color by 10%, you get **79, 117, 107**, and if you desaturate by 10%, it is **103, 117, 113**.

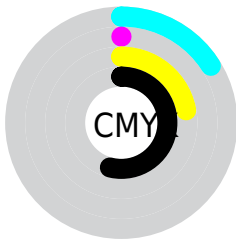
Distribution



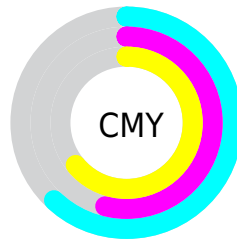
- Red (38%)
- Green (46%)
- Blue (36%)



- Red (36%)
- Yellow (46%)
- Blue (43%)



- Cyan (16%)
- Magenta (0%)
- Yellow (22%)
- Black (54%)



- Cyan (62%)
- Magenta (54%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the RYB color 91, 117, 110 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 91, 117, 110 by changing the saturation by 10% instead.

■ 91, 117, 110 ■ 91, 117, 110

255, 255, 255 ■ 67, 92, 85

■ 141, 169, 161 ■ 45, 69, 63

■ 168, 196, 188 ■ 24, 46, 41

■ 195, 224, 216 ■ 0, 26, 19

■ 223, 253, 245 ■ 0, 0, 0

■ 251, 255, 251

■ 91, 117, 110 ■ 91, 117, 110

■ 79, 117, 107 ■ 103, 117, 113

■ 68, 117, 104 ■ 114, 117, 116

■ 56, 117, 101

■ 124, 117, 126

■ 44, 117, 97

■ 132, 117, 138

■ 33, 117, 95

■ 141, 117, 150

■ 21, 117, 91

■ 149, 117, 161

■ 9, 117, 88

■ 158, 117, 173

■ 0, 117, 85

■ 166, 117, 185

■ 175, 117, 196

Harmonies

Analogous

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



85, 114, 84



91, 117, 110



82, 105, 119

Triad

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



91, 117, 110



85, 104, 139



141, 101, 104

Complementary

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



91, 117, 110



110, 91, 117

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.



136, 102, 119



91, 117, 110



105, 109, 139

Square

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



91, 117, 110



72, 98, 132



123, 105, 132



138, 109, 91

Rectangle

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



91, 117, 110



74, 99, 120



123, 105, 132



141, 101, 109

Sweetspot

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



91, 117, 110



142, 153, 150



101, 117, 91



70, 77, 75



204, 204, 204



77, 77, 77

Same Dimension

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



91, 117, 110



112, 153, 142



91, 112, 117



53, 59, 58



0, 122, 89



0, 250, 183

Inverse Universe

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



110, 91, 117



142, 112, 153



117, 91, 111



57, 53, 59



89, 0, 122



183, 0, 250

Previews

White Background



This preview shows how the RYB color 91, 117, 110 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 91, 117, 110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

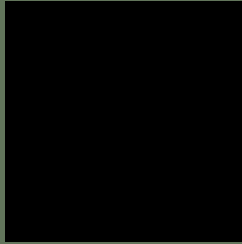
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 91, 117, 110 Background



This preview shows how black text looks on a background with the RYB color 91, 117, 110.



This preview shows how white text looks on a background with the RYB color 91, 117, 110.

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

91, 117, 110

Protanopia

97, 118, 88

Deuteranopia

129, 116, 93



Tritanopia
103, 110, 122

Trichromacy



Original Color

91, 117, 110

Protanomaly

89, 113, 91

Deuteranomaly

102, 118, 92

Tritanomaly

101, 108, 114

Monochromacy



Original Color

91, 117, 110

Achromatopsia

108, 108, 108

Achromatomaly

102, 111, 109

CSS Examples

Text

The CSS property to change the color of the text to RYB 91, 117, 110 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(98, 117, 91)` looks like.

```
.text, #text, p{  
    color:rgb(98, 117, 91)  
}
```

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(98, 117, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 117, 91) }
```

Border

The CSS property to change the border of an element to RYB 91, 117, 110 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(98, 117, 91) }
```

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

```
.border{ border-color:rgb(98, 117, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 117, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 117, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 117, 91);  
box-shadow:4px 4px 4px 4px rgb(98, 117,  
91) }
```

Background

The CSS property to change the background color of an element to RGB 98, 117, 91 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 117, 91) }
```

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

```
.background{ background-color: rgb(98, 117,  
91) }
```

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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