

Converting Colors

`RYB(154, 127, 117)`

Have a look what the booklet for
RYB(154, 127, 117) contains.

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Color

R_YB(154, 127, 117)

Conversions

Conversions Part 1

Format	Color
Hex	9A7D75
RGB	154, 125, 117
RGB Percent	60%, 49%, 46%
CMY	0.3961, 0.5103, 0.5412
CMYK	0.00, 0.19, 0.24, 0.40
HSL	13°, 15%, 53%
HSV	13°, 24%, 60%
XYZ	23.8548, 22.7893, 19.9711
YIQ	132.7590, 19.8520, 3.6600

Conversions

Conversions Part 2

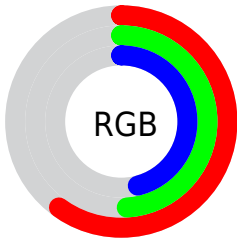
Format	Color
RYB	154, 127, 117
Decimal	10124661
CIELab	54.85, 9.98, 8.53
CIELCh	55, 13.130, 40.508
Yxy	22.7893, 0.3581, 0.3421
Android (android.graphics.Color)	4288314741 (0xFF9A7D75)
YUV	132.7590, -7.7692, 18.6284
Hunter-Lab	47.7381, 5.6548, 8.6129

Details

The RYB color **154, 127, 117** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **117, 133, 154**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **209, 181, 169**, and **102, 78, 69** is the 20% darker color. If you saturate the color by 10%, you get **154, 116, 102**, and if you desaturate by 10%, it is **154, 138, 132**.

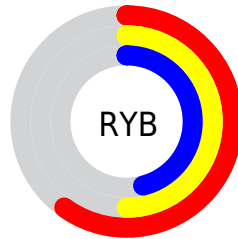
Distribution



Red (60%)

Green (49%)

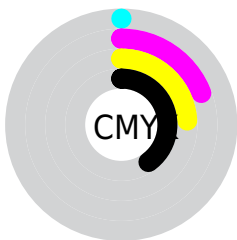
Blue (46%)



Red (60%)

Yellow (50%)

Blue (46%)

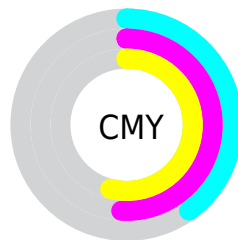


Cyan (0%)

Magenta (19%)

Yellow (24%)

Black (40%)



Cyan (40%)

Magenta (51%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 127, 117 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 154, 127, 117 by changing the saturation by 10% instead.

 154, 127, 117

255, 255, 255


 209, 181, 169


 237, 208, 196


 255, 237, 224

253, 255, 253

 154, 127, 117

 154, 116, 102

 154, 105, 86

 154, 127, 117


 128, 102, 92

 102, 78, 69


 78, 54, 47


 54, 34, 26

 34, 12, 0

 0, 0, 0

 154, 127, 117

 154, 138, 132

 154, 149, 148

■ 154, 94, 71

■ 154, 158, 163

■ 154, 82, 55

■ 154, 165, 179

■ 154, 70, 40

■ 154, 171, 194

■ 154, 59, 25

■ 154, 178, 209

■ 154, 48, 9

■ 154, 185, 225

■ 154, 42, 0

■ 154, 192, 240

■ 154, 199, 255

Harmonies

Analogous

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



155, 123, 128



154, 127, 117



147, 145, 110

Triad

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



154, 127, 117



111, 129, 137



124, 130, 153

Complementary

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



154, 127, 117



117, 133, 154

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.



110, 125, 152



154, 127, 117



103, 121, 138

Square

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



154, 127, 117



114, 135, 126



102, 121, 146



138, 127, 149

Rectangle

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



154, 127, 117



122, 140, 109



102, 121, 146



119, 128, 154

Sweetspot

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



154, 127, 117



201, 191, 187



154, 117, 147



102, 97, 94



230, 230, 230



102, 102, 102

Same Dimension

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



154, 127, 117



201, 158, 143



133, 154, 117



77, 70, 69



140, 38, 0



13, 4, 0

Inverse Universe

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



117, 133, 154



143, 169, 201



117, 125, 154



69, 72, 77



0, 62, 140



0, 6, 13

Previews

White Background



This preview shows how the RYB color 154, 127, 117 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 154, 127, 117 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 154, 127, 117 Background



This preview shows how black text looks on a background with the RYB color 154, 127, 117.



This preview shows how white text looks on a background with the RYB color 154, 127, 117.

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
[154](#), [127](#), [117](#)

Protanopia
[127](#), [136](#), [120](#)

Deuteranopia
[150](#), [131](#), [117](#)



Tritanopia
156, 123, 132

Trichromacy



Original Color

154, 127, 117

Protanomaly

143, 136, 119

Deuteranomaly

151, 129, 117

Tritanomaly

155, 124, 127

Monochromacy



Original Color

154, 127, 117

Achromatopsia

133, 133, 133

Achromatomaly

141, 131, 127

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 127, 117 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(154, 125, 117)` looks like.

```
.text, #text, p{  
    color:rgb(154, 125, 117)  
}
```

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(154, 125, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 125, 117) }
```

Border

The CSS property to change the border of an element to RYB 154, 127, 117 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(154, 125, 117) }
```

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

```
.border{ border-color:rgb(154, 125, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 125, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 125, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 125, 117);  
box-shadow:4px 4px 4px 4px rgb(154, 125,  
117) }
```

Background

The CSS property to change the background color of an element to RYB 154, 127, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 125, 117) }
```

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

```
.background{ background-color: rgb(154,  
125, 117) }
```

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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