

Converting Colors

`RYB(116, 145, 115)`

Have a look what the booklet for
RYB(116, 145, 115) contains.

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Color

R_YB(116, 145, 115)

Conversions

Conversions Part 1

Format	Color
Hex	919073
RGB	145, 144, 115
RGB Percent	57%, 56%, 45%
CMY	0.4314, 0.4352, 0.5490
CMYK	0.00, 0.01, 0.21, 0.43
HSL	58°, 12%, 51%
HSV	58°, 21%, 57%
XYZ	24.7497, 27.2138, 20.1680
YIQ	140.9930, 9.9050, -8.8070

Conversions

Conversions Part 2

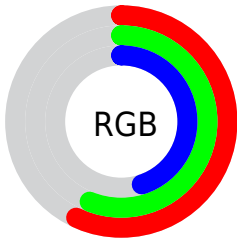
Format	Color
RYB	116, 145, 115
Decimal	9539699
CIELab	59.17, -4.73, 15.60
CIELCh	59, 16.301, 106.867
Yxy	27.2138, 0.3431, 0.3773
Android (android.graphics.Color)	4287729779 (0xFF919073)
YUV	140.9930, -12.8145, 3.5141
Hunter-Lab	52.1669, -6.6057, 13.5950

Details

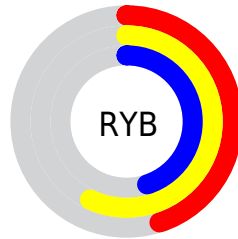
The RYB color **116, 145, 115** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **115, 116, 145**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **168, 199, 167**, and **67, 94, 67** is the 20% darker color. If you saturate the color by 10%, you get **102, 145, 101**, and if you desaturate by 10%, it is **130, 145, 130**.

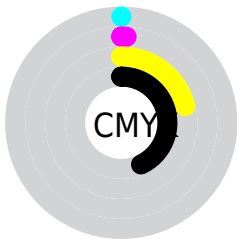
Distribution



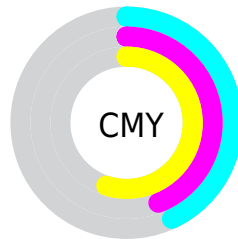
- Red (57%)
- Green (56%)
- Blue (45%)



- Red (45%)
- Yellow (57%)
- Blue (45%)



- Cyan (0%)
- Magenta (1%)
- Yellow (21%)
- Black (43%)



- Cyan (43%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 116, 145, 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 116, 145, 115 by changing the saturation by 10% instead.

 116, 145, 115

255, 255, 255


 168, 199, 167

 195, 227, 194


 223, 255, 222


 251, 255, 251

 116, 145, 115

 102, 145, 101

 88, 145, 86


 116, 145, 115

 91, 119, 90

 67, 94, 67


 44, 70, 44


 23, 48, 23

 1, 28, 0

 0, 0, 0

 116, 145, 115

 130, 145, 130

 144, 145, 144

■ 74, 145, 72

■ 145, 145, 159

■ 60, 145, 57

■ 145, 146, 173

■ 46, 145, 43

■ 145, 146, 187

■ 32, 145, 28

■ 145, 147, 202

■ 17, 145, 13

■ 145, 147, 217

■ 5, 145, 0

■ 145, 148, 231

■ 145, 148, 245

Harmonies

Analogous

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



154, 160, 115



116, 145, 115



123, 148, 142

Triad

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



116, 145, 115



106, 131, 163



167, 133, 149

Complementary

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



116, 145, 115



115, 116, 145

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.



155, 136, 162



116, 145, 115



118, 136, 170

Square

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



116, 145, 115



105, 128, 151



137, 141, 170



172, 133, 135

Rectangle

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



116, 145, 115



118, 141, 150



137, 141, 170



164, 134, 154

Sweetspot

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



116, 145, 115



178, 189, 177



145, 115, 116



88, 94, 88



222, 222, 222



94, 94, 94

Same Dimension

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



116, 145, 115



144, 189, 142



115, 145, 129



64, 71, 64



4, 135, 0



1, 8, 0

Inverse Universe

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



115, 116, 145



142, 143, 189



129, 115, 145



64, 64, 71



0, 4, 135



0, 0, 8

Previews

White Background



This preview shows how the RYB color 116, 145, 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 116, 145, 115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

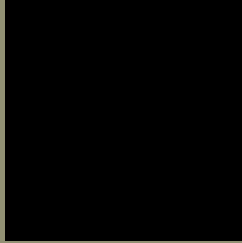
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

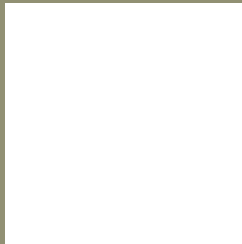
Any Text WCAG AAA × Fail

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

RYB 116, 145, 115 Background



This preview shows how black text looks on a background with the RYB color 116, 145, 115.



This preview shows how white text looks on a background with the RYB color 116, 145, 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](#).

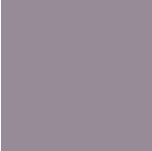
Dichromacy



Original Color
116, 145, 115

Protanopia
126, 151, 114

Deuteranopia
165, 153, 116



Tritanopia
150, 139, 150

Trichromacy



Original Color

116, 145, 115

Protanomaly

121, 149, 114

Deuteranomaly

148, 158, 116

Tritanomaly

148, 143, 137

Monochromacy



Original Color

116, 145, 115

Achromatopsia

141, 141, 141

Achromatomaly

132, 142, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 116, 145, 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(145, 144, 115)` looks like.

```
.text, #text, p{  
    color:rgb(145, 144, 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(145, 144, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 144, 115) }
```

Border

The CSS property to change the border of an element to RYB 116, 145, 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(145, 144, 115) }
```

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

```
.border{ border-color:rgb(145, 144, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 144, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 144, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 144, 115);  
box-shadow:4px 4px 4px 4px rgb(145, 144,  
115) }
```

Background

The CSS property to change the background color of an element to RYB 116, 145, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 144, 115) }
```

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

```
.background{ background-color: rgb(145,  
144, 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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