

Converting Colors

`RYB(145, 112, 105)`

Have a look what the booklet for
RYB(145, 112, 105) contains.

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Color

R_YB(145, 112, 105)

Conversions

Conversions Part 1

Format	Color
Hex	916F69
RGB	145, 111, 105
RGB Percent	57%, 44%, 41%
CMY	0.4314, 0.5649, 0.5882
CMYK	0.00, 0.23, 0.28, 0.43
HSL	9°, 16%, 49%
HSV	9°, 28%, 57%
XYZ	19.9067, 18.3993, 15.8668
YIQ	120.4820, 22.1900, 5.3420

Conversions

Conversions Part 2

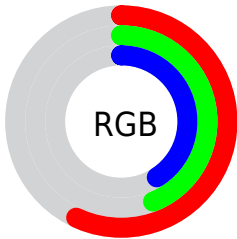
Format	Color
R_{YB}	145, 112, 105
Decimal	9531241
CIE _{Lab}	49.98, 12.55, 8.51
CIE _{LCh}	50, 15.161, 34.133
Yxy	18.3993, 0.3675, 0.3396
Android (android.graphics.Color)	4287721321 (0xFF916F69)
YUV	120.4820, -7.6326, 21.5023
Hunter-Lab	42.8944, 7.7742, 8.0944

Details

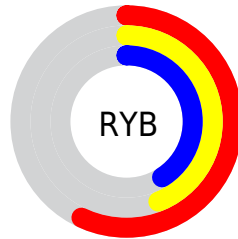
The RYB color **145, 112, 105** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **105, 123, 145**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **200, 164, 156**, and **94, 64, 58** is the 20% darker color. If you saturate the color by 10%, you get **145, 100, 91**, and if you desaturate by 10%, it is **145, 124, 119**.

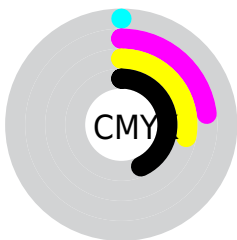
Distribution



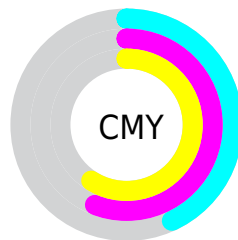
- Red (57%)
- Green (44%)
- Blue (41%)



- Red (57%)
- Yellow (44%)
- Blue (41%)



- Cyan (0%)
- Magenta (23%)
- Yellow (28%)
- Black (43%)



- Cyan (43%)
- Magenta (56%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the RYB color 145, 112, 105 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 145, 112, 105 by changing the saturation by 10% instead.

 145, 112, 105

 145, 112, 105

255, 255, 255

 119, 87, 81


 200, 164, 156

 94, 64, 58

 228, 191, 183

 69, 42, 36

 255, 219, 211

 46, 21, 15


 255, 251, 239

 25, 0, 1

 0, 0, 0


 145, 112, 105

 145, 112, 105

 145, 100, 91

 145, 124, 119

 145, 88, 76

 145, 136, 134

■ 145, 76, 62

■ 145, 147, 148

■ 145, 65, 47

■ 145, 153, 163

■ 145, 52, 33

■ 145, 160, 177

■ 145, 40, 18

■ 145, 167, 192

■ 145, 29, 4

■ 145, 173, 207

■ 145, 26, 0

■ 145, 180, 221

■ 145, 186, 235

Harmonies

Analogous

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



145, 110, 118



145, 112, 105



139, 127, 96

Triad

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



145, 112, 105



98, 118, 125



106, 116, 144

Complementary

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



145, 112, 105



105, 123, 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.



91, 111, 142



145, 112, 105



87, 108, 126

Square

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



145, 112, 105



97, 122, 106



84, 107, 133



123, 115, 140

Rectangle

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



145, 112, 105



115, 131, 93



84, 107, 133



101, 115, 144

Sweetspot

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



145, 112, 105



189, 176, 174



145, 105, 140



94, 86, 85



222, 222, 222



94, 94, 94

Same Dimension

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



145, 112, 105



189, 138, 126



129, 145, 105



71, 65, 64



135, 23, 0



8, 1, 0

Inverse Universe

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



105, 123, 145



126, 155, 189



105, 116, 145



64, 67, 71



0, 62, 135



0, 4, 8

Previews

White Background



This preview shows how the RYB color 145, 112, 105 looks on a white background.

Color Contrast Check

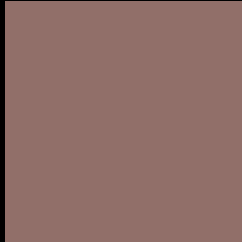
Large Text (above 18pt) WCAG AA ✓ Pass

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 145, 112, 105 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 145, 112, 105 Background



This preview shows how black text looks on a background with the RYB color 145, 112, 105.

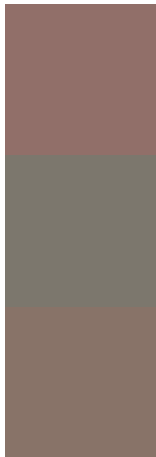


This preview shows how white text looks on a background with the RYB color 145, 112, 105.

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
145, 112, 105

Protanopia
117, 124, 109

Deuteranopia
136, 121, 104



Tritanopia
146, 109, 117

Trichromacy



Original Color

145, 112, 105

Protanomaly

132, 120, 108

Deuteranomaly

139, 118, 104

Tritanomaly

146, 110, 113

Monochromacy



Original Color

145, 112, 105

Achromatopsia

120, 120, 120

Achromatomaly

129, 117, 115

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 112, 105 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, 111, 105)` looks like.

```
.text, #text, p{  
    color:rgb(145, 111, 105)  
}
```

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, 111, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 111, 105) }
```

Border

The CSS property to change the border of an element to RYB 145, 112, 105 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, 111, 105) }
```

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

```
.border{ border-color:rgb(145, 111, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 111, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 111, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 111, 105);  
box-shadow:4px 4px 4px 4px rgb(145, 111,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 145, 112, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 111, 105) }
```

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

```
.background{ background-color: rgb(145,  
111, 105) }
```

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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