

Converting Colors

`RYB(142, 105, 105)`

Have a look what the booklet for
RYB(142, 105, 105) contains.

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Color

`RYB(142, 105, 105)`

Conversions

Conversions Part 1

Format	Color
Hex	8E6969
RGB	142, 105, 105
RGB Percent	56%, 41%, 41%
CMY	0.4431, 0.5882, 0.5882
CMYK	0.00, 0.26, 0.26, 0.44
HSL	0°, 15%, 48%
HSV	0°, 26%, 56%
XYZ	18.7567, 16.8739, 15.6330
YIQ	116.0630, 22.0520, 7.8440

Conversions

Conversions Part 2

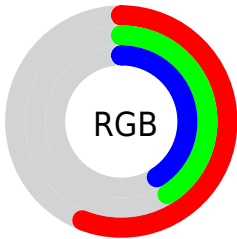
Format	Color
R_{YB}	142, 105, 105
Decimal	9333097
CIE Lab	48.10, 14.80, 5.79
CIE LCh	48, 15.897, 21.367
Yxy	16.8739, 0.3659, 0.3292
Android (android.graphics.Color)	4287523177 (0xFF8E6969)
YUV	116.0630, -5.4541, 22.7467
Hunter-Lab	41.0778, 9.6195, 6.1904

Details

The RYB color **142, 105, 105** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **105, 124, 142**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **196, 156, 156**, and **91, 58, 58** is the 20% darker color. If you saturate the color by 10%, you get **142, 91, 91**, and if you desaturate by 10%, it is **142, 119, 119**.

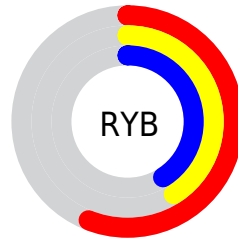
Distribution



Red (56%)

Green (41%)

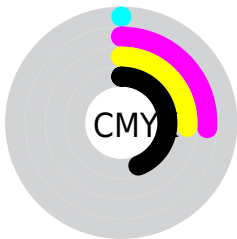
Blue (41%)



Red (56%)

Yellow (41%)

Blue (41%)

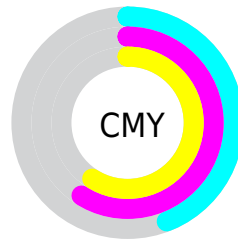


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (44%)



Cyan (44%)

Magenta (59%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the RYB color 142, 105, 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 142, 105, 105 by changing the saturation by 10% instead.


 142, 105, 105

 142, 105, 105

255, 255, 255

 116, 81, 81

 196, 156, 156

 91, 58, 58

 225, 183, 183

 66, 36, 36


 254, 211, 211

 43, 15, 15

 255, 239, 239


 16, 0, 0

 0, 0, 0

 142, 105, 105

 142, 105, 105

 142, 91, 91

 142, 119, 119


 142, 77, 77

 142, 133, 133


 142, 62, 62

 142, 145, 148


 142, 48, 48

 142, 152, 162


 142, 34, 34

 142, 159, 176


 142, 20, 20


 142, 166, 190

 142, 6, 6

 142, 173, 204

 142, 0, 0

 142, 181, 219

 142, 188, 233

Harmonies

Analogous

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



139, 105, 119



142, 105, 105



138, 115, 94

Triad

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



142, 105, 105



97, 120, 118



93, 109, 140

Complementary

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



142, 105, 105



105, 124, 142

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.



80, 103, 135



142, 105, 105



85, 107, 122

Square

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



142, 105, 105



89, 116, 91



77, 100, 123



111, 112, 139

Rectangle

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



142, 105, 105



132, 130, 89



77, 100, 123



88, 107, 139

Sweetspot

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



142, 105, 105



184, 169, 169



142, 105, 142



92, 83, 83



219, 219, 219



92, 92, 92

Same Dimension

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



142, 105, 105



184, 127, 127



140, 142, 105



71, 64, 64



135, 0, 0



8, 0, 0

Inverse Universe

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



105, 124, 142



127, 156, 184



105, 118, 142



64, 68, 71



0, 68, 135



0, 4, 8

Previews

White Background



This preview shows how the RYB color 142, 105, 105 looks on a white background.

Color Contrast Check

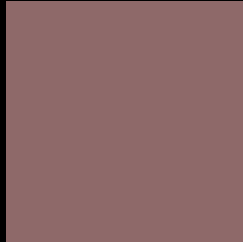
Large Text (above 18pt) WCAG AA ✓ Pass

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 142, 105, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

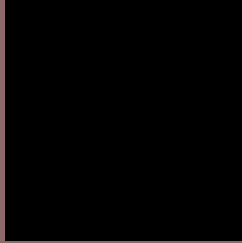
Any Text WCAG AA × Fail

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 142, 105, 105 Background



This preview shows how black text looks on a background with the RYB color 142, 105, 105.

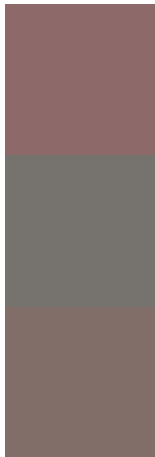


This preview shows how white text looks on a background with the RYB color 142, 105, 105.

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
142, 105, 105

Protanopia
118, 118, 110

Deuteranopia
129, 112, 104



Tritanopia
143, 104, 112

Trichromacy



Original Color

142, 105, 105

Protanomaly

127, 112, 108

Deuteranomaly

134, 109, 104

Tritanomaly

143, 104, 109

Monochromacy



Original Color

142, 105, 105

Achromatopsia

116, 116, 116

Achromatomaly

125, 112, 112

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 105, 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(142, 105, 105) looks like.

```
.text, #text, p{  
    color:rgb(142, 105, 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(142, 105, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 105, 105) }
```

Border

The CSS property to change the border of an element to RYB 142, 105, 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(142, 105, 105) }
```

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

```
.border{ border-color:rgb(142, 105, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 105, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 105, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 105, 105); box-shadow:4px 4px 4px 4px rgb(142, 105, 105) }
```

Background

The CSS property to change the background color of an element to RYB 142, 105, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 105, 105) }
```

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

```
.background{ background-color: rgb(142,  
105, 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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