

Converting Colors

`RYB(134, 105, 108)`

Have a look what the booklet for
RYB(134, 105, 108) contains.

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Color

R_YB(134, 105, 108)

Conversions

Conversions Part 1

Format	Color
Hex	86696C
RGB	134, 105, 108
RGB Percent	53%, 41%, 42%
CMY	0.4745, 0.5882, 0.5765
CMYK	0.00, 0.22, 0.19, 0.47
HSL	354°, 12%, 47%
HSV	354°, 22%, 53%
XYZ	17.5899, 16.2542, 16.3976
YIQ	114.0130, 16.3210, 7.0810

Conversions

Conversions Part 2

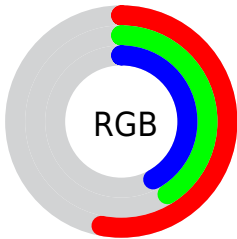
Format	Color
RYB	134, 105, 108
Decimal	8808812
CIELab	47.31, 12.06, 2.74
CIElCh	47, 12.370, 12.805
Yxy	16.2542, 0.3501, 0.3235
Android (android.graphics.Color)	4286998892 (0xFF86696C)
YUV	114.0130, -2.9644, 17.5286
Hunter-Lab	40.3165, 7.3247, 4.1069

Details

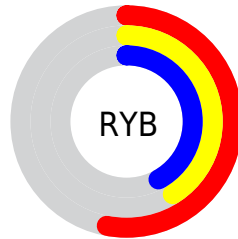
The RYB color **134, 105, 108** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **105, 120, 134**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **188, 156, 159**, and **84, 58, 61** is the 20% darker color. If you saturate the color by 10%, you get **134, 92, 96**, and if you desaturate by 10%, it is **134, 118, 120**.

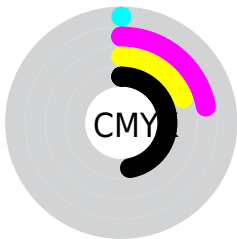
Distribution



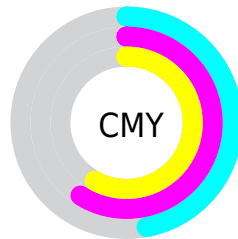
- Red (53%)
- Green (41%)
- Blue (42%)



- Red (53%)
- Yellow (41%)
- Blue (42%)



- Cyan (0%)
- Magenta (22%)
- Yellow (19%)
- Black (47%)




- Cyan (47%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 105, 108 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 134, 105, 108 by changing the saturation by 10% instead.

 134, 105, 108


255, 255, 255

 188, 156, 159

 216, 183, 186

 244, 211, 214

 255, 239, 242

 134, 105, 108

 134, 92, 96


 134, 78, 84


 134, 105, 108

 108, 81, 84

 84, 58, 61


 60, 36, 39


 38, 15, 18

 1, 0, 0

 0, 0, 0

 134, 105, 108

 134, 118, 120

 134, 132, 132

■ 134, 65, 72

■ 134, 140, 145

■ 134, 51, 60

■ 134, 147, 159

■ 134, 38, 48

■ 134, 154, 172

■ 134, 25, 36

■ 134, 161, 185

■ 134, 11, 24

■ 134, 168, 199

■ 134, 0, 14

■ 134, 175, 212

■ 134, 183, 226

Harmonies

Analogous

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



129, 106, 119



134, 105, 108



133, 108, 98

Triad

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



134, 105, 108



97, 116, 109



94, 108, 132

Complementary

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



134, 105, 108



105, 120, 134

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.



86, 103, 126



134, 105, 108



93, 109, 118

Square

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



134, 105, 108



95, 116, 92



86, 103, 118



106, 111, 132

Rectangle

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



134, 105, 108



129, 117, 94



86, 103, 118



90, 106, 130

Sweetspot

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



134, 105, 108



173, 163, 164



131, 105, 134



87, 81, 81



214, 214, 214



87, 87, 87

Same Dimension

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



134, 105, 108



173, 128, 133



134, 123, 105



66, 60, 60



130, 0, 13



3, 0, 0

Inverse Universe

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



134, 105, 108



173, 128, 133



105, 116, 134



66, 60, 60



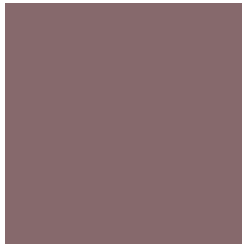
130, 0, 13



3, 0, 0

Previews

White Background



This preview shows how the RYB color 134, 105, 108 looks on a white background.

Color Contrast Check

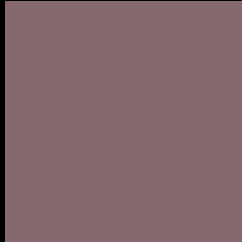
Large Text (above 18pt) WCAG AA ✓ Pass

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 134, 105, 108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

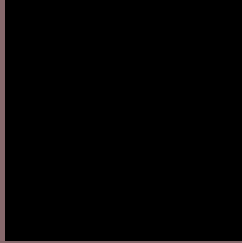
Any Text WCAG AA × Fail

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](#).

RYP 134, 105, 108 Background



This preview shows how black text looks on a background with the RYP color 134, 105, 108.



This preview shows how white text looks on a background with the RYP color 134, 105, 108.

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

[134, 105, 108](#)

Protanopia

[114, 112, 112](#)

Deuteranopia

[125, 109, 107](#)



Tritanopia
135, 104, 112

Trichromacy



Original Color

134, 105, 108

Protanomaly

121, 109, 111

Deuteranomaly

128, 108, 107

Tritanomaly

135, 104, 111

Monochromacy



Original Color

134, 105, 108

Achromatopsia

114, 114, 114

Achromatomaly

121, 111, 112

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 105, 108 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(134, 105, 108) looks like.

```
.text, #text, p{  
    color:rgb(134, 105, 108)  
}
```

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(134, 105, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 105, 108) }
```

Border

The CSS property to change the border of an element to RYB 134, 105, 108 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(134, 105, 108) }
```

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

```
.border{ border-color:rgb(134, 105, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 105, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 105, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 105, 108); box-shadow:4px 4px 4px 4px rgb(134, 105, 108) }
```

Background

The CSS property to change the background color of an element to RYB 134, 105, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 105, 108) }
```

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

```
.background{ background-color: rgb(134,  
105, 108) }
```

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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