

Converting Colors

`RYB(122, 85, 108)`

Have a look what the booklet for
RYB(122, 85, 108) contains.

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Color

R_YB(122, 85, 108)

Conversions

Conversions Part 1

Format	Color
Hex	7A556C
RGB	122, 85, 108
RGB Percent	48%, 33%, 42%
CMY	0.5216, 0.6667, 0.5765
CMYK	0.00, 0.30, 0.11, 0.52
HSL	323°, 18%, 41%
HSV	323°, 30%, 48%
XYZ	13.9813, 11.7173, 15.7121
YIQ	98.6850, 14.6690, 14.9970

Conversions

Conversions Part 2

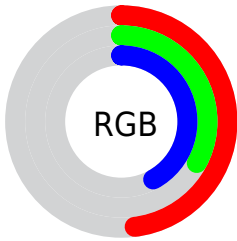
Format	Color
R_{YB}	122, 85, 108
Decimal	8017260
CIE _{Lab}	40.76, 19.27, -7.04
CIE _{LCh}	41, 20.516, 339.945
Yxy	11.7173, 0.3376, 0.2830
Android (android.graphics.Color)	4286207340 (0xFF7A556C)
YUV	98.6850, 4.5923, 20.4473
Hunter-Lab	34.2305, 13.0042, -3.2533

Details

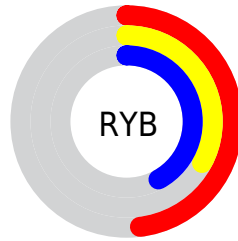
The RYB color **122, 85, 108** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **85, 112, 122**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **175, 135, 159**, and **73, 39, 61** is the 20% darker color. If you saturate the color by 10%, you get **122, 73, 103**, and if you desaturate by 10%, it is **122, 97, 113**.

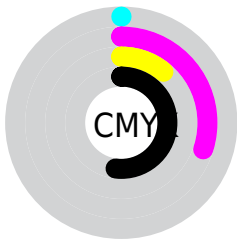
Distribution



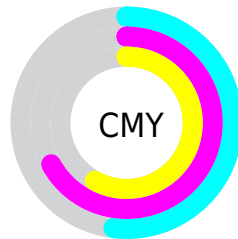
- Red (48%)
- Green (33%)
- Blue (42%)



- Red (48%)
- Yellow (33%)
- Blue (42%)



- Cyan (0%)
- Magenta (30%)
- Yellow (11%)
- Black (52%)



- Cyan (52%)
- Magenta (67%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 85, 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 122, 85, 108 by changing the saturation by 10% instead.



122, 85, 108



122, 85, 108

255, 255, 255



97, 61, 84



175, 135, 159



73, 39, 61



203, 161, 186



49, 18, 39



231, 189, 214



31, 0, 19



255, 216, 242



0, 0, 0



255, 245, 255



122, 85, 108



122, 85, 108



122, 73, 103



122, 97, 113



122, 61, 99




122, 109, 117

 122, 48, 94

 122, 122, 122


 122, 36, 90

 122, 131, 134


 122, 24, 85


 122, 139, 146


 122, 12, 80

 122, 148, 158

 122, 0, 76

 122, 157, 170

 122, 166, 183

 122, 175, 195

Harmonies

Analogous

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



106, 90, 122



122, 85, 108



129, 84, 91

Triad

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



122, 85, 108



69, 102, 63



41, 75, 117

Complementary

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



122, 85, 108



85, 112, 122

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.



46, 77, 105



122, 85, 108



70, 102, 88

Square

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



122, 85, 108



118, 116, 65



64, 91, 104



57, 84, 127

Rectangle

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



122, 85, 108



129, 86, 80



64, 91, 104



41, 75, 112

Sweetspot

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



122, 85, 108



158, 144, 153



99, 85, 122



79, 70, 76



207, 207, 207



79, 79, 79

Same Dimension

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



122, 85, 108



158, 101, 137



122, 85, 90



61, 55, 59



125, 0, 78



252, 0, 157

Inverse Universe

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



122, 85, 108



158, 101, 137



85, 105, 122



61, 55, 59



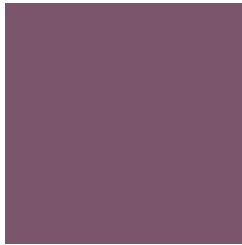
125, 0, 78



252, 0, 157

Previews

White Background



This preview shows how the RYB color 122, 85, 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 122, 85, 108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

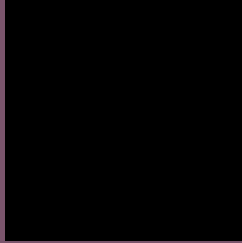
Any Text WCAG AA × Fail

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](#).

R Y B 122, 85, 108 Background



This preview shows how black text looks on a background with the R Y B color 122, 85, 108.



This preview shows how white text looks on a background with the R Y B color 122, 85, 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
122, 85, 108

Protanopia
92, 95, 115

Deuteranopia
101, 94, 106



Tritanopia
120, 87, 94

Trichromacy



Original Color

122, 85, 108

Protanomaly

103, 92, 112

Deuteranomaly

109, 91, 107

Tritanomaly

121, 86, 99

Monochromacy



Original Color

122, 85, 108

Achromatopsia

99, 99, 99

Achromatomaly

107, 94, 102

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 85, 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(122, 85, 108) looks like.

```
.text, #text, p{  
    color:rgb(122, 85, 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(122, 85, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 85, 108) }
```

Border

The CSS property to change the border of an element to RYB 122, 85, 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(122, 85, 108) }
```

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

```
.border{ border-color:rgb(122, 85, 108) }
```

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

Here you see how a box with a 4 pixel rgb(122, 85, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 85, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 85, 108);  
box-shadow:4px 4px 4px 4px rgb(122, 85,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 122, 85, 108 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 85, 108) }
```

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

```
.background{ background-color: rgb(122, 85,  
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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