

Converting Colors

`RYB(113, 94, 106)`

Have a look what the booklet for
RYB(113, 94, 106) contains.

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Color

R_YB(113, 94, 106)

Conversions

Conversions Part 1

Format	Color
Hex	715E6A
RGB	113, 94, 106
RGB Percent	44%, 37%, 42%
CMY	0.5569, 0.6314, 0.5843
CMYK	0.00, 0.17, 0.06, 0.56
HSL	322°, 9%, 41%
HSV	322°, 17%, 44%
XYZ	13.4143, 12.5567, 15.3524
YIQ	101.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

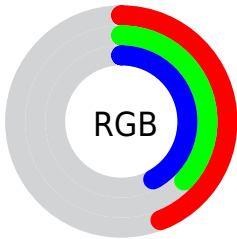
Format	Color
R_{YB}	113, 94, 106
Decimal	7429738
CIE Lab	42.09, 9.95, -3.95
CIE LCh	42, 10.700, 338.363
Yxy	12.5567, 0.3246, 0.3039
Android (android.graphics.Color)	4285619818 (0xFF715E6A)
YUV	101.0490, 2.4408, 10.4810
Hunter-Lab	35.4355, 5.5600, -0.8825

Details

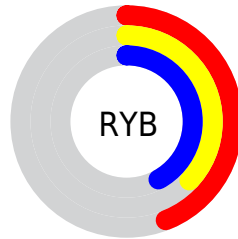
The RYB color **113, 94, 106** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **94, 108, 113**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **165, 144, 157**, and **65, 48, 59** is the 20% darker color. If you saturate the color by 10%, you get **113, 83, 102**, and if you desaturate by 10%, it is **113, 105, 110**.

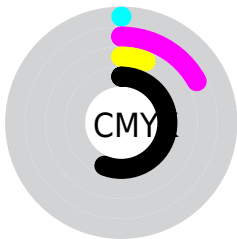
Distribution



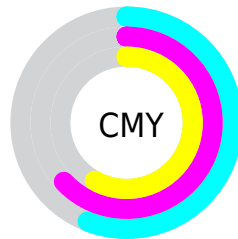
- Red (44%)
- Green (37%)
- Blue (42%)



- Red (44%)
- Yellow (37%)
- Blue (42%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (56%)



- Cyan (56%)
- Magenta (63%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 113, 94, 106 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 113, 94, 106 by changing the saturation by 10% instead.



113, 94, 106



113, 94, 106

255, 255, 255



88, 70, 82



165, 144, 157



65, 48, 59



192, 171, 184



43, 27, 37



220, 198, 212



23, 0, 16



249, 226, 240



0, 0, 0



113, 94, 106



113, 94, 106



113, 83, 102



113, 105, 110



113, 71, 98



113, 116, 117



113, 60, 94



113, 124, 128

■ 113, 49, 89

■ 113, 132, 139

■ 113, 38, 85

■ 113, 141, 151

■ 113, 26, 81

■ 113, 149, 162

■ 113, 15, 77

■ 113, 157, 173

■ 113, 4, 73

■ 113, 165, 184

■ 113, 0, 71

■ 113, 174, 196

Harmonies

Analogous

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



104, 96, 113



113, 94, 106



118, 93, 97

Triad

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



113, 94, 106



87, 104, 82



77, 92, 110

Complementary

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



113, 94, 106



94, 108, 113

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.



78, 92, 105



113, 94, 106



85, 102, 93

Square

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



113, 94, 106



112, 110, 83



84, 98, 104



82, 94, 115

Rectangle

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



113, 94, 106



118, 94, 91



84, 98, 104



76, 91, 107

Sweetspot

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



113, 94, 106



148, 141, 145



101, 94, 113



74, 70, 72



201, 201, 201



74, 74, 74

Same Dimension

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



113, 94, 106



148, 118, 137



113, 94, 97



56, 50, 54



120, 0, 76



247, 0, 156

Inverse Universe

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



113, 94, 106



148, 118, 137



94, 104, 113



56, 50, 54



120, 0, 76



247, 0, 156

Previews

White Background



This preview shows how the RYB color 113, 94, 106 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 113, 94, 106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

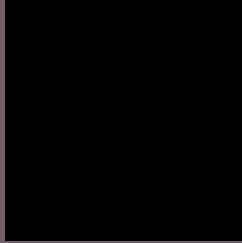
Any Text WCAG AA × Fail

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 113, 94, 106 Background



This preview shows how black text looks on a background with the R Y B color 113, 94, 106.

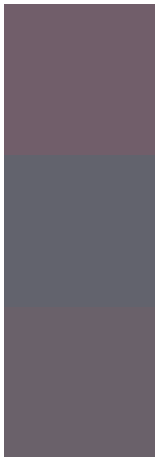


This preview shows how white text looks on a background with the R Y B color 113, 94, 106.

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
113, 94, 106

Protanopia
98, 99, 109

Deuteranopia
106, 97, 106



Tritanopia
112, 95, 102

Trichromacy



Original Color

113, 94, 106

Protanomaly

103, 97, 108

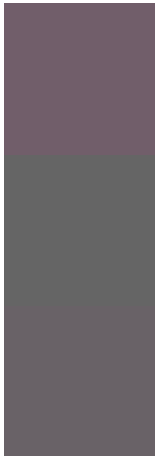
Deuteranomaly

109, 96, 106

Tritanomaly

112, 95, 103

Monochromacy



Original Color

113, 94, 106

Achromatopsia

101, 101, 101

Achromatomaly

105, 98, 103

CSS Examples

Text

The CSS property to change the color of the text to RYB 113, 94, 106 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(113, 94, 106)` looks like.

```
.text, #text, p{  
    color:rgb(113, 94, 106)  
}
```

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(113, 94, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 94, 106) }
```

Border

The CSS property to change the border of an element to RYB 113, 94, 106 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(113, 94, 106) }
```

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

```
.border{ border-color:rgb(113, 94, 106) }
```

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

Here you see how a box with a 4 pixel rgb(113, 94, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 94, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 94, 106);  
box-shadow:4px 4px 4px 4px rgb(113, 94,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 113, 94, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 94, 106) }
```

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

```
.background{ background-color: rgb(113, 94,  
106) }
```

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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