

Converting Colors

`RYB(114, 91, 122)`

Have a look what the booklet for
RYB(114, 91, 122) contains.

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Color

`RYB(114, 91, 122)`

Conversions

Conversions Part 1	
Format	Color
Hex	725B7A
RGB	114, 91, 122
RGB Percent	45%, 36%, 48%
CMY	0.5529, 0.6431, 0.5216
CMYK	0.07, 0.25, 0.00, 0.52
HSL	285°, 15%, 42%
HSV	285°, 25%, 48%
XYZ	14.1934, 12.4647, 20.0702
YIQ	101.4110, 3.7570, 14.5170

Conversions

Conversions Part 2

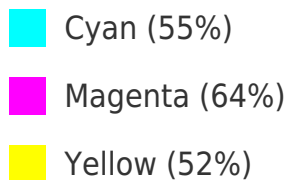
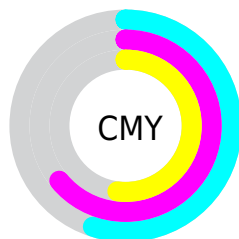
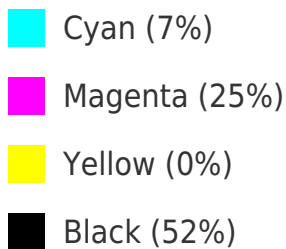
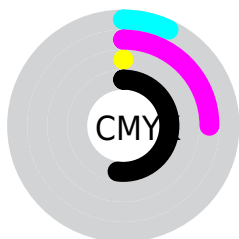
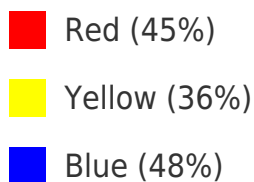
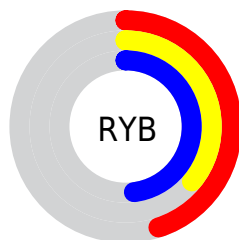
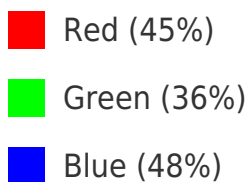
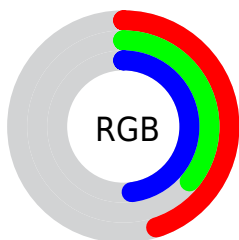
Format	Color
RYB	114, 91, 122
Decimal	7494522
CIELab	41.95, 15.50, -13.92
CIELCh	42, 20.834, 318.089
Yxy	12.4647, 0.3037, 0.2667
Android (android.graphics.Color)	4285684602 (0xFF725B7A)
YUV	101.4110, 10.1504, 11.0406
Hunter-Lab	35.3054, 9.9755, -8.9910

Details

The RYB color **114, 91, 122** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **91, 122, 114**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **166, 141, 174**, and **66, 45, 73** is the 20% darker color. If you saturate the color by 10%, you get **111, 79, 122**, and if you desaturate by 10%, it is **117, 103, 122**.

Distribution



Brightness & Saturation Gradients

These gradients show how the RYB color 114, 91, 122 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 114, 91, 122 by changing the saturation by 10% instead.



114, 91, 122



114, 91, 122

255, 255, 255



89, 67, 97



166, 141, 174



66, 45, 73



193, 168, 202



43, 24, 51



221, 195, 230



25, 0, 30



250, 223, 255



0, 0, 0



255, 252, 255



114, 91, 122



114, 91, 122



111, 79, 122




117, 103, 122





108, 67, 122




120, 115, 122

 105, 54, 122

 122, 128, 127


 101, 42, 122


 122, 140, 135

 98, 30, 122


 122, 152, 144

 95, 18, 122

 122, 164, 153

 92, 6, 122

 122, 176, 162

 91, 0, 122

 122, 189, 172

 122, 201, 181

Harmonies

Analogous

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



92, 96, 131



114, 91, 122



128, 87, 107

Triad

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



114, 91, 122



102, 117, 66



45, 77, 109

Complementary

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



114, 91, 122



91, 122, 114

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.



61, 90, 108



114, 91, 122



66, 101, 67

Square

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



114, 91, 122



129, 97, 74



76, 106, 101



46, 80, 124

Rectangle

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



114, 91, 122



133, 86, 95



76, 106, 101



49, 80, 108

Sweetspot

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



114, 91, 122



155, 145, 158



91, 97, 122



77, 71, 79



207, 207, 207



79, 79, 79

Same Dimension

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



114, 91, 122



146, 111, 158



122, 91, 115



60, 55, 61



93, 0, 125



187, 0, 252

Inverse Universe

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



122, 91, 99



158, 111, 123



91, 116, 122



61, 55, 57



125, 0, 32



252, 0, 65

Previews

White Background



This preview shows how the RYB color 114, 91, 122 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 114, 91, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

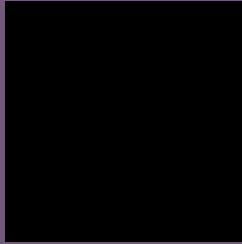
Any Text WCAG AA × Fail

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 114, 91, 122 Background



This preview shows how black text looks on a background with the RYB color 114, 91, 122.



This preview shows how white text looks on a background with the RYB color 114, 91, 122.

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

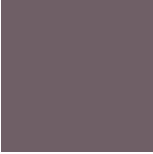
114, 91, 122

Protanopia

92, 97, 127

Deuteranopia

98, 97, 121



Tritanopia

111, 95, 102

Trichromacy



Original Color
114, 91, 122

Protanomaly
100, 95, 125

Deuteranomaly
104, 95, 121

Tritanomaly
112, 94, 109

Monochromacy



Original Color
114, 91, 122

Achromatopsia
101, 101, 101

Achromatomaly
106, 97, 109

CSS Examples

Text

The CSS property to change the color of the text to RGB 114, 91, 122 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(114, 91, 122) looks like.

```
.text, #text, p{  
    color:rgb(114, 91, 122)  
}
```

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(114, 91, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 91, 122) }
```

Border

The CSS property to change the border of an element to RYB 114, 91, 122 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(114, 91, 122) }
```

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

```
.border{ border-color:rgb(114, 91, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 91, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 91, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 91, 122);  
box-shadow:4px 4px 4px 4px rgb(114, 91,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 114, 91, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 91, 122) }
```

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

```
.background{ background-color: rgb(114, 91,  
122) }
```

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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