

Converting Colors

`RYB(122, 75, 114)`

Have a look what the booklet for
RYB(122, 75, 114) contains.

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Color

R_YB(122, 75, 114)

Conversions

Conversions Part 1

Format	Color
Hex	7A4B72
RGB	122, 75, 114
RGB Percent	48%, 29%, 45%
CMY	0.5216, 0.7059, 0.5529
CMYK	0.00, 0.39, 0.07, 0.52
HSL	310°, 24%, 39%
HSV	310°, 39%, 48%
XYZ	13.5794, 10.3846, 17.2083
YIQ	93.4990, 15.4930, 22.0930

Conversions

Conversions Part 2

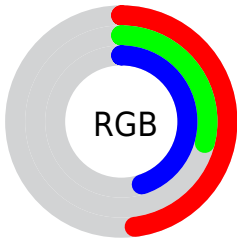
Format	Color
R_{YB}	122, 75, 114
Decimal	8014706
CIE _{Lab}	38.52, 26.37, -14.13
CIE _{LCh}	39, 29.914, 331.823
Yxy	10.3846, 0.3298, 0.2522
Android (android.graphics.Color)	4286204786 (0xFF7A4B72)
YUV	93.4990, 10.1070, 24.9954
Hunter-Lab	32.2252, 18.8240, -9.1033

Details

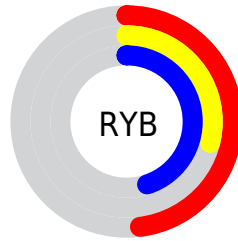
The RYB color **122, 75, 114** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **75, 115, 122**, and the grayscale version is **93, 93, 93**.

A 20% lighter version of the original color is **175, 125, 166**, and **72, 29, 66** is the 20% darker color. If you saturate the color by 10%, you get **122, 63, 112**, and if you desaturate by 10%, it is **122, 87, 116**.

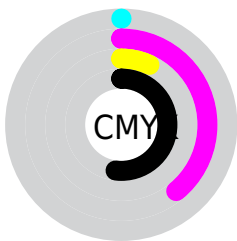
Distribution



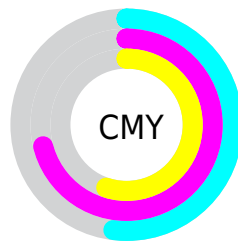
- Red (48%)
- Green (29%)
- Blue (45%)



- Red (48%)
- Yellow (29%)
- Blue (45%)



- Cyan (0%)
- Magenta (39%)
- Yellow (7%)
- Black (52%)



- Cyan (52%)
- Magenta (71%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 75, 114 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, 75, 114 by changing the saturation by 10% instead.



122, 75, 114



122, 75, 114

255, 255, 255



97, 51, 89



175, 125, 166



72, 29, 66



203, 151, 193



48, 6, 44



231, 178, 221



28, 0, 23



255, 206, 250



0, 0, 0



255, 234, 255



122, 75, 114



122, 75, 114



122, 63, 112



122, 87, 116



122, 51, 110



122, 99, 118

■ 122, 38, 108

■ 122, 112, 120

■ 122, 26, 106

■ 122, 124, 124

■ 122, 14, 104

■ 122, 134, 136

■ 122, 2, 102

■ 122, 145, 148

■ 122, 0, 101

■ 122, 154, 160

■ 122, 165, 173

■ 122, 176, 185

Harmonies

Analogous

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



95, 84, 132



122, 75, 114



135, 71, 90

Triad

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



122, 75, 114



59, 104, 41



0, 55, 116

Complementary

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



122, 75, 114



75, 115, 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.



0, 55, 103



122, 75, 114



48, 97, 66

Square

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



122, 75, 114



124, 106, 48



48, 87, 101



0, 57, 133

Rectangle

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



122, 75, 114



137, 72, 74



48, 87, 101



0, 53, 108

Sweetspot

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



122, 75, 114



158, 139, 155



83, 75, 122



79, 68, 77



207, 207, 207



79, 79, 79

Same Dimension

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



122, 75, 114



158, 85, 146



122, 75, 91



61, 55, 60



125, 0, 104



252, 0, 209

Inverse Universe

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



122, 75, 114



158, 85, 146



75, 103, 122



61, 55, 60



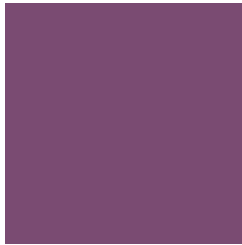
125, 0, 104



252, 0, 209

Previews

White Background



This preview shows how the RYB color 122, 75, 114 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, 75, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

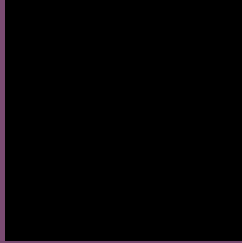
Any Text WCAG AA × Fail

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, 75, 114 Background



This preview shows how black text looks on a background with the R Y B color 122, 75, 114.



This preview shows how white text looks on a background with the R Y B color 122, 75, 114.

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, 75, 114

Protanopia
81, 88, 125

Deuteranopia
90, 89, 111



Tritanopia
119, 81, 87

Trichromacy



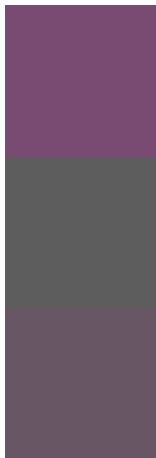
Original Color
122, 75, 114

Protanomaly
96, 85, 121

Deuteranomaly
102, 84, 112

Tritanomaly
120, 79, 97

Monochromacy



Original Color
122, 75, 114

Achromatopsia
93, 93, 93

Achromatomaly
104, 86, 101

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 75, 114 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, 75, 114)` looks like.

```
.text, #text, p{  
    color:rgb(122, 75, 114)  
}
```

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, 75, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 75, 114) }
```

Border

The CSS property to change the border of an element to RYB 122, 75, 114 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, 75, 114) }
```

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

```
.border{ border-color:rgb(122, 75, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 75, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 75, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 75, 114);  
box-shadow:4px 4px 4px 4px rgb(122, 75,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 122, 75, 114 is called "background".

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

```
.background, #background, body{  
background: rgb(122, 75, 114) }
```

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

```
.background{ background-color: rgb(122, 75,  
114) }
```

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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