

Converting Colors

`RYB(114, 92, 105)`

Have a look what the booklet for
RYB(114, 92, 105) contains.

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Color

R_YB(114, 92, 105)

Conversions

Conversions Part 1

Format	Color
Hex	725C69
RGB	114, 92, 105
RGB Percent	45%, 36%, 41%
CMY	0.5529, 0.6392, 0.5882
CMYK	0.00, 0.19, 0.08, 0.55
HSL	325°, 11%, 40%
HSV	325°, 19%, 45%
XYZ	13.3164, 12.2516, 15.0276
YIQ	100.0600, 8.9390, 8.7070

Conversions

Conversions Part 2

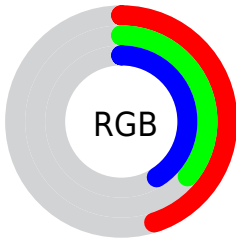
Format	Color
R_{YB}	114, 92, 105
Decimal	7494761
CIE Lab	41.61, 11.36, -4.02
CIE LCh	42, 12.047, 340.489
Yxy	12.2516, 0.3280, 0.3018
Android (android.graphics.Color)	4285684841 (0xFF725C69)
YUV	100.0600, 2.4354, 12.2254
Hunter-Lab	35.0023, 6.6550, -0.9534

Details

The RYB color **114, 92, 105** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **92, 108, 114**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **166, 142, 156**, and **66, 46, 58** is the 20% darker color. If you saturate the color by 10%, you get **114, 81, 100**, and if you desaturate by 10%, it is **114, 103, 110**.

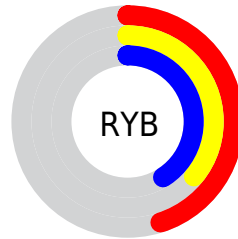
Distribution



Red (45%)

Green (36%)

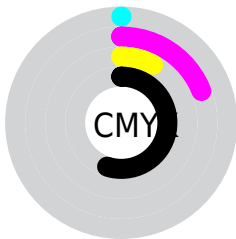
Blue (41%)



Red (45%)

Yellow (36%)

Blue (41%)

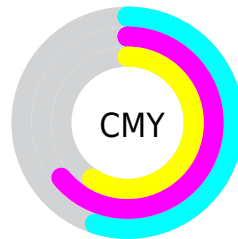


Cyan (0%)

Magenta (19%)

Yellow (8%)

Black (55%)



Cyan (55%)














Magenta (64%)







Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 92, 105 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, 92, 105 by changing the saturation by 10% instead.

 114, 92, 105	 114, 92, 105
 255, 255, 255	 89, 68, 81
 166, 142, 156	 66, 46, 58
 193, 169, 183	 43, 25, 36
 221, 196, 211	 24, 0, 15
 250, 224, 239	 0, 0, 0
 255, 253, 255	

 114, 92, 105	 114, 92, 105
 114, 81, 100	 114, 103, 110
 114, 69, 96	 114, 115, 115

■ 114, 58, 91

■ 114, 122, 126

■ 114, 46, 86

■ 114, 131, 138

■ 114, 35, 82

■ 114, 139, 149

■ 114, 24, 77

■ 114, 147, 160

■ 114, 12, 72

■ 114, 155, 172

■ 114, 1, 68

■ 114, 163, 183

■ 114, 0, 67

■ 114, 172, 195

Harmonies

Analogous

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



104, 95, 113



114, 92, 105



119, 91, 95

Triad

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



114, 92, 105



82, 102, 79



72, 89, 111

Complementary

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



114, 92, 105



92, 108, 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.



73, 89, 104



114, 92, 105



83, 101, 93

Square

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



114, 92, 105



112, 108, 80



80, 96, 103



79, 93, 117

Rectangle

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



114, 92, 105



119, 92, 89



80, 96, 103



72, 89, 108

Sweetspot

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



114, 92, 105



148, 139, 144



101, 92, 114



74, 69, 72



201, 201, 201



74, 74, 74

Same Dimension

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



114, 92, 105



148, 114, 134



114, 92, 94



56, 50, 54



120, 0, 71



247, 0, 146

Inverse Universe

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



114, 92, 105



148, 114, 134



92, 104, 114



56, 50, 54



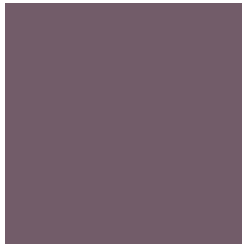
120, 0, 71



247, 0, 146

Previews

White Background



This preview shows how the RYB color 114, 92, 105 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, 92, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

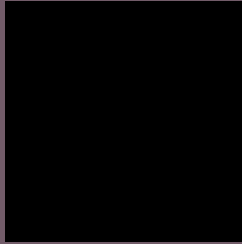
Any Text WCAG AA × Fail

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 114, 92, 105 Background



This preview shows how black text looks on a background with the R Y B color 114, 92, 105.



This preview shows how white text looks on a background with the R Y B color 114, 92, 105.

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, 92, 105

Protanopia
97, 98, 108

Deuteranopia
105, 95, 104



Tritanopia
113, 93, 100

Trichromacy



Original Color

114, 92, 105

Protanomaly

103, 96, 107

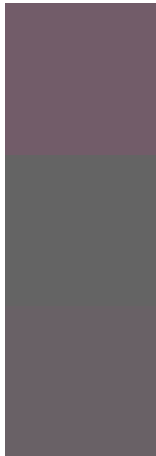
Deuteranomaly

108, 94, 104

Tritanomaly

113, 93, 102

Monochromacy



Original Color

114, 92, 105

Achromatopsia

100, 100, 100

Achromatomaly

105, 97, 102

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 92, 105 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, 92, 105) looks like.

```
.text, #text, p{  
    color:rgb(114, 92, 105)  
}
```

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, 92, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 92, 105) }
```

Border

The CSS property to change the border of an element to RYB 114, 92, 105 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, 92, 105) }
```

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

```
.border{ border-color:rgb(114, 92, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 92, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 92, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 92, 105);  
box-shadow:4px 4px 4px 4px rgb(114, 92,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 114, 92, 105 is called "background".

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

```
.background, #background, body{  
background: rgb(114, 92, 105) }
```

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

```
.background{ background-color: rgb(114, 92,  
105) }
```

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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