

Converting Colors

`RYB(115, 92, 105)`

Have a look what the booklet for
RYB(115, 92, 105) contains.

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Color

R_YB(115, 92, 105)

Conversions

Conversions Part 1

Format	Color
Hex	735C69
RGB	115, 92, 105
RGB Percent	45%, 36%, 41%
CMY	0.5490, 0.6392, 0.5882
CMYK	0.00, 0.20, 0.09, 0.55
HSL	326°, 11%, 41%
HSV	326°, 20%, 45%
XYZ	13.4472, 12.3191, 15.0337
YIQ	100.3590, 9.5350, 8.9190

Conversions

Conversions Part 2

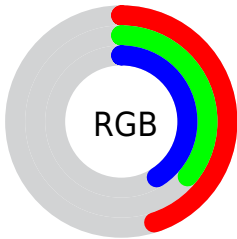
Format	Color
R_{YB}	115, 92, 105
Decimal	7560297
CIE Lab	41.72, 11.75, -3.86
CIE LCh	42, 12.365, 341.830
Yxy	12.3191, 0.3296, 0.3019
Android (android.graphics.Color)	4285750377 (0xFF735C69)
YUV	100.3590, 2.2880, 12.8402
Hunter-Lab	35.0985, 6.9658, -0.8266




Details

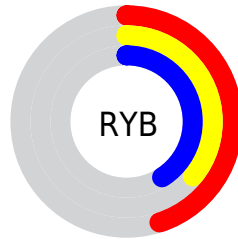
The RYB color **115, 92, 105** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **92, 108, 115**, and the grayscale version is **100, 100, 100**.




A 20% lighter version of the original color is **167, 142, 156**, and **67, 46, 58** is the 20% darker color. If you saturate the color by 10%, you get **115, 81, 100**, and if you desaturate by 10%, it is **115, 104, 110**.

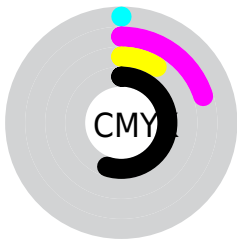
Distribution







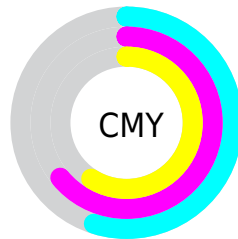
-  Red (45%)
-  Green (36%)
-  Blue (41%)






-  Red (45%)
-  Yellow (36%)
-  Blue (41%)



-  Cyan (0%)
-  Magenta (20%)
-  Yellow (9%)
-  Black (55%)



-  Cyan (55%)
-  Magenta (64%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 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 115, 92, 105 by changing the saturation by 10% instead.



115, 92, 105



115, 92, 105

255, 255, 255



90, 68, 81



167, 142, 156



67, 46, 58



194, 169, 183



44, 25, 36



222, 196, 211



25, 0, 15



251, 224, 239



0, 0, 0



255, 253, 255



115, 92, 105



115, 92, 105



115, 81, 100



115, 104, 110



115, 69, 95



115, 115, 115

■ 115, 58, 90

■ 115, 123, 127

■ 115, 46, 85

■ 115, 131, 138

■ 115, 35, 80

■ 115, 140, 150

■ 115, 23, 75

■ 115, 147, 161

■ 115, 11, 70

■ 115, 156, 173

■ 115, 0, 65

■ 115, 163, 184

■ 115, 171, 195

Harmonies

Analogous

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



105, 95, 114



115, 92, 105



120, 91, 95

Triad

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



115, 92, 105



82, 102, 79



72, 89, 112

Complementary

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



115, 92, 105



92, 108, 115

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.



72, 89, 104



115, 92, 105



83, 102, 94

Square

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



115, 92, 105



110, 112, 79



80, 96, 104



80, 93, 117

Rectangle

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



115, 92, 105



119, 93, 88



80, 96, 104



71, 89, 109

Sweetspot

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



115, 92, 105



150, 141, 147



102, 92, 115



77, 71, 74



204, 204, 204



77, 77, 77

Same Dimension

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



115, 92, 105



150, 114, 135



115, 92, 94



59, 53, 56



122, 0, 69



250, 0, 141

Inverse Universe

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



115, 92, 105



150, 114, 135



92, 104, 115



59, 53, 56



122, 0, 69



250, 0, 141

Previews

White Background



This preview shows how the RYB color 115, 92, 105 looks on a white background.

Color Contrast Check

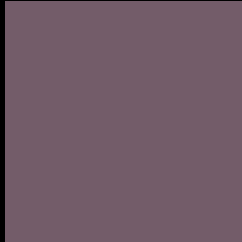
Large Text (above 18pt) WCAG AA ✓ Pass

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 115, 92, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

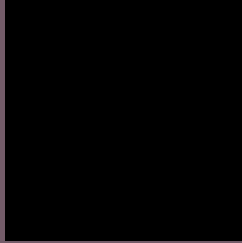
Any Text WCAG AA × Fail

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 115, 92, 105 Background



This preview shows how black text looks on a background with the R Y B color 115, 92, 105.



This preview shows how white text looks on a background with the R Y B color 115, 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
115, 92, 105

Protanopia
97, 98, 109

Deuteranopia
106, 96, 104



Tritanopia
114, 93, 100

Trichromacy



Original Color

115, 92, 105

Protanomaly

104, 96, 108

Deuteranomaly

109, 95, 104

Tritanomaly

114, 93, 102

Monochromacy



Original Color

115, 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 115, 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(115, 92, 105) looks like.

```
.text, #text, p{  
    color:rgb(115, 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(115, 92, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 92, 105) }
```

Border

The CSS property to change the border of an element to RYB 115, 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(115, 92, 105) }
```

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

```
.border{ border-color:rgb(115, 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(115, 92, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 92, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 92, 105);  
box-shadow:4px 4px 4px 4px rgb(115, 92,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 115, 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(115, 92, 105) }
```

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

```
.background{ background-color: rgb(115, 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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