

Converting Colors

`RYB(105, 82, 109)`

Have a look what the booklet for
RYB(105, 82, 109) contains.

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Color

R_YB(105, 82, 109)

Conversions

Conversions Part 1

Format	Color
Hex	69526D
RGB	105, 82, 109
RGB Percent	41%, 32%, 43%
CMY	0.5882, 0.6784, 0.5725
CMYK	0.04, 0.25, 0.00, 0.57
HSL	291°, 14%, 37%
HSV	291°, 25%, 43%
XYZ	11.6033, 10.1420, 15.8140
YIQ	91.9550, 5.0410, 13.2730

Conversions

Conversions Part 2

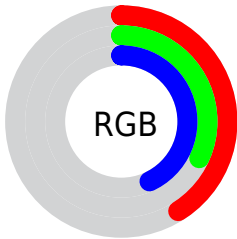
Format	Color
R_{YB}	105, 82, 109
Decimal	6902381
CIE _{Lab}	38.10, 14.87, -11.86
CIE _{LCh}	38, 19.017, 321.415
Yxy	10.1420, 0.3089, 0.2700
Android (android.graphics.Color)	4285092461 (0xFF69526D)
YUV	91.9550, 8.4032, 11.4405
Hunter-Lab	31.8465, 9.3054, -7.1492




Details

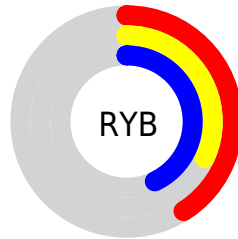
The RYB color **105, 82, 109** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **82, 109, 105**, and the grayscale version is **92, 92, 92**.




A 20% lighter version of the original color is **157, 132, 161**, and **57, 37, 61** is the 20% darker color. If you saturate the color by 10%, you get **103, 71, 109**, and if you desaturate by 10%, it is **107, 93, 109**.

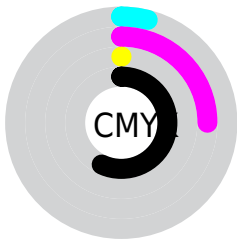
Distribution







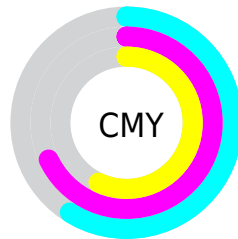
-  Red (41%)
-  Green (32%)
-  Blue (43%)






-  Red (41%)
-  Yellow (32%)
-  Blue (43%)



-  Cyan (4%)
-  Magenta (25%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (59%)
-  Magenta (68%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 105, 82, 109 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 105, 82, 109 by changing the saturation by 10% instead.



105, 82, 109



105, 82, 109

255, 255, 255



81, 59, 85



157, 132, 161



57, 37, 61



183, 158, 188



35, 16, 40



211, 185, 215



8, 0, 19



240, 212, 244



0, 0, 0



255, 241, 255



105, 82, 109



105, 82, 109



103, 71, 109



107, 93, 109



102, 60, 109



108, 104, 109

100, 49, 109

109, 115, 114

99, 38, 109

109, 126, 124

97, 28, 109

109, 137, 133

95, 17, 109

109, 147, 141

94, 6, 109

109, 158, 151

93, 0, 109

109, 169, 160

109, 180, 169

Harmonies

Analogous

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



86, 87, 118



105, 82, 109



117, 79, 95

Triad

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



105, 82, 109



89, 105, 59



41, 70, 100

Complementary

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



105, 82, 109



82, 109, 105

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.



54, 80, 98



105, 82, 109



61, 92, 64

Square

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



105, 82, 109



116, 90, 66



70, 96, 95



44, 74, 113

Rectangle

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



105, 82, 109



120, 78, 84



70, 96, 95



44, 72, 98

Sweetspot

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



105, 82, 109



141, 133, 143



82, 85, 109



71, 66, 71



199, 199, 199



71, 71, 71

Same Dimension

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



105, 82, 109



136, 100, 143



109, 82, 100



53, 48, 54



100, 0, 117



209, 0, 245

Inverse Universe

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



109, 82, 86



143, 100, 106



82, 102, 109



54, 48, 49



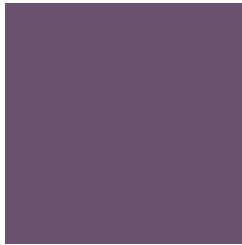
117, 0, 17



245, 0, 36

Previews

White Background



This preview shows how the RYB color 105, 82, 109 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 105, 82, 109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

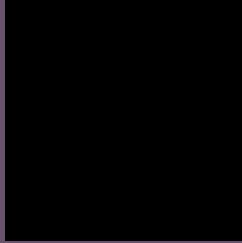
Any Text WCAG AA × Fail

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 105, 82, 109 Background



This preview shows how black text looks on a background with the R Y B color 105, 82, 109.



This preview shows how white text looks on a background with the R Y B color 105, 82, 109.

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

105, 82, 109

Protanopia

84, 88, 114

Deuteranopia

90, 88, 108



Tritanopia
103, 85, 92

Trichromacy



Original Color
105, 82, 109

Protanomaly
92, 86, 112

Deuteranomaly
95, 86, 108

Tritanomaly
104, 84, 98

Monochromacy



Original Color
105, 82, 109

Achromatopsia
92, 92, 92

Achromatomaly
97, 88, 98

CSS Examples

Text

The CSS property to change the color of the text to RYB 105, 82, 109 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(105, 82, 109) looks like.

```
.text, #text, p{  
    color:rgb(105, 82, 109)  
}
```

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(105, 82, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 82, 109) }
```

Border

The CSS property to change the border of an element to RYB 105, 82, 109 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(105, 82, 109) }
```

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

```
.border{ border-color:rgb(105, 82, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 82, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 82, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 82, 109);  
box-shadow:4px 4px 4px 4px rgb(105, 82,  
109) }
```

Background

The CSS property to change the background color of an element to RGB 105, 82, 109 is called "background".

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

```
.background, #background, body{  
background: rgb(105, 82, 109) }
```

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

```
.background{ background-color: rgb(105, 82,  
109) }
```

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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