

Converting Colors

`RYB(150, 105, 109)`

Have a look what the booklet for
RYB(150, 105, 109) contains.

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Color

R_YB(150, 105, 109)

Conversions

Conversions Part 1

Format	Color
Hex	96696D
RGB	150, 105, 109
RGB Percent	59%, 41%, 43%
CMY	0.4118, 0.5882, 0.5725
CMYK	0.00, 0.30, 0.27, 0.41
HSL	355°, 18%, 50%
HSV	355°, 30%, 59%
XYZ	20.3896, 17.6913, 16.8081
YIQ	118.9110, 25.5360, 10.7840

Conversions

Conversions Part 2

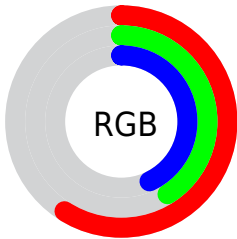
Format	Color
R_{YB}	150, 105, 109
Decimal	9857389
CIE _{Lab}	49.12, 18.63, 4.99
CIE _{LCh}	49, 19.282, 14.990
Yxy	17.6913, 0.3715, 0.3223
Android (android.graphics.Color)	4288047469 (0xFF96696D)
YUV	118.9110, -4.8861, 27.2651
Hunter-Lab	42.0610, 12.9231, 5.7497

Details

The RYB color **150, 105, 109** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **105, 129, 150**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **205, 157, 160**, and **98, 57, 62** is the 20% darker color. If you saturate the color by 10%, you get **150, 90, 95**, and if you desaturate by 10%, it is **150, 120, 123**.

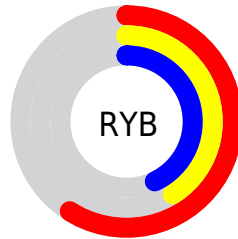
Distribution



Red (59%)

Green (41%)

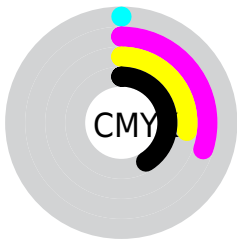
Blue (43%)



Red (59%)

Yellow (41%)

Blue (43%)

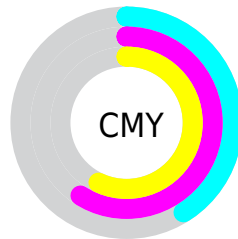


Cyan (0%)

Magenta (30%)

Yellow (27%)

Black (41%)



Cyan (41%)


Magenta (59%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 105, 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 150, 105, 109 by changing the saturation by 10% instead.

 150, 105, 109


255, 255, 255

 205, 157, 160

 234, 184, 187


 255, 211, 215

 255, 240, 244

 150, 105, 109

 124, 81, 85


 98, 57, 62

 73, 35, 40

 49, 14, 19


 28, 0, 1


 0, 0, 0


 150, 105, 109

 150, 90, 95

 150, 75, 82

 150, 105, 109


 150, 120, 123

 150, 135, 136


 150, 60, 68

 150, 150, 150


 150, 45, 54

 150, 158, 165


 150, 30, 41


 150, 166, 180


 150, 15, 27

 150, 174, 195

 150, 0, 13

 150, 181, 210

 150, 189, 225

 150, 197, 240

Harmonies

Analogous

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



144, 106, 126



150, 105, 109



147, 113, 94

Triad

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



150, 105, 109



93, 123, 114



86, 108, 148

Complementary

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



150, 105, 109



105, 129, 150

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.



70, 100, 139



150, 105, 109



84, 110, 125

Square

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



150, 105, 109



87, 120, 85



70, 98, 126



108, 114, 148

Rectangle

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



150, 105, 109



140, 129, 88



70, 98, 126



79, 105, 146

Sweetspot

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



150, 105, 109



194, 176, 178



146, 105, 150



97, 86, 87



224, 224, 224



97, 97, 97

Same Dimension

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



150, 105, 109



194, 124, 130



150, 135, 105



74, 67, 67



138, 0, 12



10, 0, 1

Inverse Universe

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



150, 105, 109



194, 124, 130



105, 122, 150



74, 67, 67



138, 0, 12



10, 0, 1

Previews

White Background



This preview shows how the RYB color 150, 105, 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 150, 105, 109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

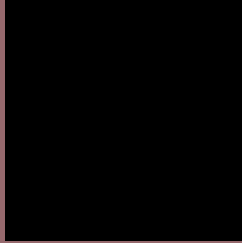
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 150, 105, 109 Background



This preview shows how black text looks on a background with the RYB color 150, 105, 109.



This preview shows how white text looks on a background with the RYB color 150, 105, 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


150, 105, 109

Protanopia

119, 116, 115

Deuteranopia

132, 114, 108



Tritanopia
150, 104, 112

Trichromacy



Original Color

150, 105, 109

Protanomaly

130, 112, 113

Deuteranomaly

139, 110, 108

Tritanomaly

150, 104, 111

Monochromacy



Original Color

150, 105, 109

Achromatopsia

119, 119, 119

Achromatomaly

130, 114, 115

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 105, 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(150, 105, 109) looks like.

```
.text, #text, p{  
    color:rgb(150, 105, 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(150, 105, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 105, 109) }
```

Border

The CSS property to change the border of an element to RYB 150, 105, 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(150, 105, 109) }
```

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

```
.border{ border-color:rgb(150, 105, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 105, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 105, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 105, 109);  
box-shadow:4px 4px 4px 4px rgb(150, 105,  
109) }
```

Background

The CSS property to change the background color of an element to RYB 150, 105, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 105, 109) }
```

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

```
.background{ background-color: rgb(150,  
105, 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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