

Converting Colors

`RYB(148, 75, 105)`

Have a look what the booklet for
RYB(148, 75, 105) contains.

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Color

R_YB(148, 75, 105)

Conversions

Conversions Part 1

Format	Color
Hex	944B69
RGB	148, 75, 105
RGB Percent	58%, 29%, 41%
CMY	0.4196, 0.7059, 0.5882
CMYK	0.00, 0.49, 0.29, 0.42
HSL	335°, 33%, 44%
HSV	335°, 49%, 58%
XYZ	17.2786, 12.3480, 14.8373
YIQ	100.2470, 33.8780, 24.8060

Conversions

Conversions Part 2

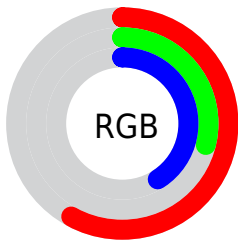
Format	Color
R_{YB}	148, 75, 105
Decimal	9718633
CIE _{Lab}	41.76, 34.26, -3.33
CIE _{LCh}	42, 34.422, 354.455
Yxy	12.3480, 0.3886, 0.2777
Android (android.graphics.Color)	4287908713 (0xFF944B69)
YUV	100.2470, 2.3432, 41.8794
Hunter-Lab	35.1397, 26.2762, -0.4367

Details

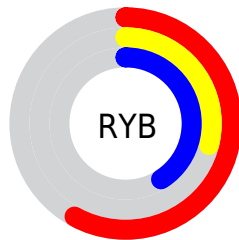
The RYB color **148, 75, 105** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **75, 121, 148**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **204, 126, 156**, and **95, 26, 58** is the 20% darker color. If you saturate the color by 10%, you get **148, 60, 96**, and if you desaturate by 10%, it is **148, 90, 114**.

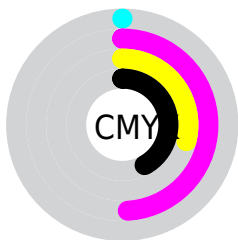
Distribution



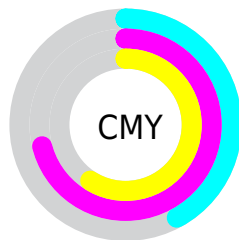
- Red (58%)
- Green (29%)
- Blue (41%)



- Red (58%)
- Yellow (29%)
- Blue (41%)



- Cyan (0%)
- Magenta (49%)
- Yellow (29%)
- Black (42%)



- Cyan (42%)
- Magenta (71%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 75, 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 148, 75, 105 by changing the saturation by 10% instead.



148, 75, 105



148, 75, 105

255, 255, 255



121, 50, 81



204, 126, 156



95, 26, 58



233, 152, 183



69, 0, 36



255, 180, 211



47, 0, 15



255, 208, 239



0, 0, 0



255, 236, 255



148, 75, 105



148, 75, 105



148, 60, 96



148, 90, 114



148, 45, 88



148, 105, 122

■ 148, 31, 79

■ 148, 119, 131

■ 148, 16, 70

■ 148, 134, 140

■ 148, 1, 61

■ 148, 149, 149

■ 148, 0, 61

■ 148, 158, 164

■ 148, 168, 179

■ 148, 176, 193

■ 148, 186, 208

Harmonies

Analogous

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



129, 82, 132



148, 75, 105



151, 76, 77

Triad

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



148, 75, 105



45, 104, 57



0, 62, 144

Complementary

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



148, 75, 105



75, 121, 148

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, 58, 121



148, 75, 105



58, 105, 110

Square

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



148, 75, 105



78, 120, 41



0, 62, 113



30, 76, 155

Rectangle

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



148, 75, 105



146, 88, 60



0, 62, 113



0, 61, 137

Sweetspot

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



148, 75, 105



191, 163, 174



118, 75, 148



97, 79, 87



224, 224, 224



97, 97, 97

Same Dimension

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



148, 75, 105



191, 78, 125



148, 82, 75



74, 67, 70



138, 0, 57



10, 0, 4

Inverse Universe

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



148, 75, 105



191, 78, 125



75, 110, 148



74, 67, 70



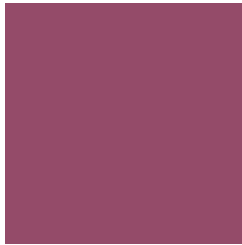
138, 0, 57



10, 0, 4

Previews

White Background



This preview shows how the RYB color 148, 75, 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 148, 75, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

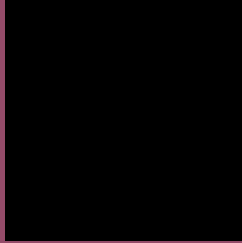
Any Text WCAG AA × Fail

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](#).

RYB 148, 75, 105 Background



This preview shows how black text looks on a background with the RYB color 148, 75, 105.

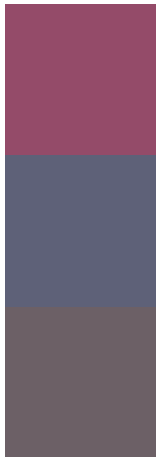


This preview shows how white text looks on a background with the RYB color 148, 75, 105.

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
148, 75, 105

Protanopia
94, 97, 120

Deuteranopia
108, 96, 102



Tritanopia
146, 79, 85

Trichromacy



Original Color

148, 75, 105

Protanomaly

114, 90, 115

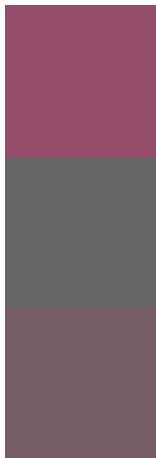
Deuteranomaly

123, 88, 103

Tritanomaly

147, 78, 92

Monochromacy



Original Color

148, 75, 105

Achromatopsia

100, 100, 100

Achromatomaly

117, 91, 102

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 75, 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(148, 75, 105) looks like.

```
.text, #text, p{  
    color:rgb(148, 75, 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(148, 75, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 75, 105) }
```

Border

The CSS property to change the border of an element to RYB 148, 75, 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(148, 75, 105) }
```

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

```
.border{ border-color:rgb(148, 75, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 75, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 75, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 75, 105);  
box-shadow:4px 4px 4px 4px rgb(148, 75,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 148, 75, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 75, 105) }
```

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

```
.background{ background-color: rgb(148, 75,  
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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