

Converting Colors

`RYB(144, 104, 125)`

Have a look what the booklet for
RYB(144, 104, 125) contains.

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Color

R_YB(144, 104, 125)

Conversions

Conversions Part 1

Format	Color
Hex	90687D
RGB	144, 104, 125
RGB Percent	56%, 41%, 49%
CMY	0.4353, 0.5922, 0.5098
CMYK	0.00, 0.28, 0.13, 0.44
HSL	328°, 16%, 49%
HSV	328°, 28%, 56%
XYZ	20.1536, 17.3106, 21.6811
YIQ	118.3540, 17.0990, 15.0110

Conversions

Conversions Part 2

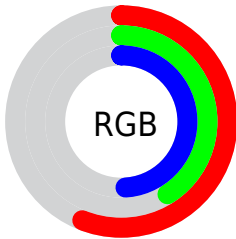
Format	Color
RYB	144, 104, 125
Decimal	9463933
CIELab	48.65, 19.49, -5.33
CIELCh	49, 20.209, 344.721
Yxy	17.3106, 0.3407, 0.2927
Android (android.graphics.Color)	4287654013 (0xFF90687D)
YUV	118.3540, 3.2765, 22.4915
Hunter-Lab	41.6060, 13.6534, -1.7721

Details

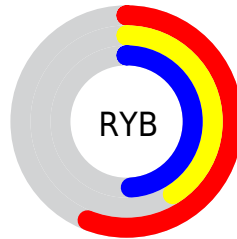
The RYB color **144, 104, 125** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **104, 131, 144**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **198, 156, 178**, and **93, 56, 76** is the 20% darker color. If you saturate the color by 10%, you get **144, 90, 118**, and if you desaturate by 10%, it is **144, 118, 132**.

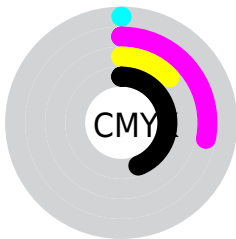
Distribution



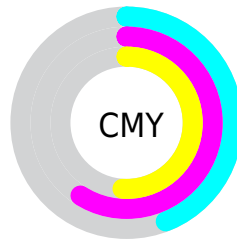
- Red (56%)
- Green (41%)
- Blue (49%)



- Red (56%)
- Yellow (41%)
- Blue (49%)



- Cyan (0%)
- Magenta (28%)
- Yellow (13%)
- Black (44%)



- Cyan (44%)
- Magenta (59%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 104, 125 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 144, 104, 125 by changing the saturation by 10% instead.

 144, 104, 125


255, 255, 255

 198, 156, 178


 227, 182, 205

 255, 210, 233

 255, 239, 255

 144, 104, 125

 118, 80, 100


 93, 56, 76

 69, 34, 53

 46, 13, 32

 25, 0, 8


 0, 0, 0


 144, 104, 125

 144, 90, 118

 144, 75, 111

 144, 104, 125

 144, 118, 132

 144, 133, 139

144, 61, 104

144, 146, 147

144, 46, 98

144, 156, 162

144, 32, 91

144, 166, 176

144, 18, 84

144, 175, 190

144, 3, 77

144, 185, 205

144, 0, 76

144, 195, 219

144, 205, 234

Harmonies

Analogous

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



129, 108, 140



144, 104, 125



150, 103, 108

Triad

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



144, 104, 125



84, 119, 82



66, 98, 139

Complementary

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



144, 104, 125



104, 131, 144

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.



66, 96, 125



144, 104, 125



91, 122, 113

Square

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



144, 104, 125



130, 136, 83



81, 108, 124



82, 106, 148

Rectangle

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



144, 104, 125



149, 106, 97



81, 108, 124



64, 96, 134

Sweetspot

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



144, 104, 125



186, 171, 179



123, 104, 144



94, 85, 90



222, 222, 222



94, 94, 94

Same Dimension

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



144, 104, 125



186, 125, 157



144, 104, 105



71, 64, 68



135, 0, 71



8, 0, 4

Inverse Universe

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



144, 104, 125



186, 125, 157



104, 124, 144



71, 64, 68



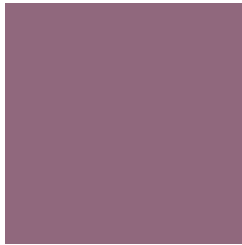
135, 0, 71



8, 0, 4

Previews

White Background



This preview shows how the RYB color 144, 104, 125 looks on a white background.

Color Contrast Check

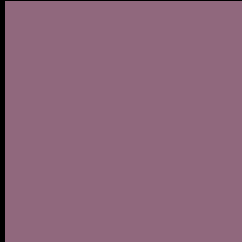
Large Text (above 18pt) WCAG AA ✓ Pass

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 144, 104, 125 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 144, 104, 125 Background



This preview shows how black text looks on a background with the RYB color 144, 104, 125.



This preview shows how white text looks on a background with the RYB color 144, 104, 125.

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
[144, 104, 125](#)

Protanopia
[113, 115, 132](#)

Deuteranopia
[124, 112, 123](#)



Tritanopia
143, 106, 114

Trichromacy



Original Color

144, 104, 125

Protanomaly

124, 111, 129

Deuteranomaly

131, 109, 124

Tritanomaly

143, 105, 118

Monochromacy



Original Color

144, 104, 125

Achromatopsia

118, 118, 118

Achromatomaly

127, 113, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 104, 125 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(144, 104, 125) looks like.

```
.text, #text, p{  
    color:rgb(144, 104, 125)  
}
```

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(144, 104, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 104, 125) }
```

Border

The CSS property to change the border of an element to RYB 144, 104, 125 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(144, 104, 125) }
```

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

```
.border{ border-color:rgb(144, 104, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 104, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 104, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 104, 125); box-shadow:4px 4px 4px 4px rgb(144, 104, 125) }
```

Background

The CSS property to change the background color of an element to RYB 144, 104, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 104, 125) }
```

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

```
.background{ background-color: rgb(144,  
104, 125) }
```

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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