

Converting Colors

`RYB(155, 144, 172)`

Have a look what the booklet for
RYB(155, 144, 172) contains.

RYB(155, 144, 172)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(155, 144, 172)

Conversions

Conversions Part 1

Format	Color
Hex	9B90AC
RGB	155, 144, 172
RGB Percent	61%, 56%, 67%
CMY	0.3922, 0.4353, 0.3255
CMYK	0.10, 0.16, 0.00, 0.33
HSL	264°, 14%, 62%
HSV	264°, 16%, 67%
XYZ	30.9372, 29.8936, 43.1692
YIQ	150.4810, -2.4320, 11.0400

Conversions

Conversions Part 2

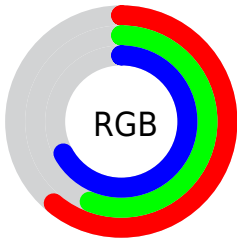
Format	Color
RYB	155, 144, 172
Decimal	10195116
CIELab	61.56, 9.62, -13.20
CIElCh	62, 16.333, 306.089
Yxy	29.8936, 0.2975, 0.2874
Android (android.graphics.Color)	4288385196 (0xFF9B90AC)
YUV	150.4810, 10.6089, 3.9632
Hunter-Lab	54.6751, 5.3207, -8.5404

Details

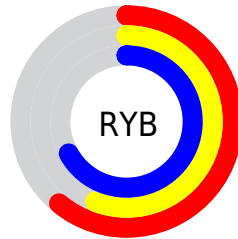
The RYB color **155, 144, 172** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **144, 172, 155**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **210, 198, 227**, and **104, 94, 120** is the 20% darker color. If you saturate the color by 10%, you get **145, 127, 172**, and if you desaturate by 10%, it is **165, 161, 172**.

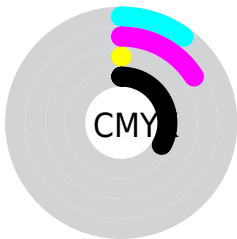
Distribution



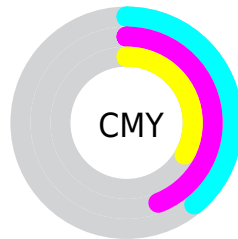
- Red (61%)
- Green (56%)
- Blue (67%)



- Red (61%)
- Yellow (56%)
- Blue (67%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (39%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 144, 172 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 155, 144, 172 by changing the saturation by 10% instead.

 155, 144, 172

255, 255, 255

 210, 198, 227

 238, 226, 255

255, 254, 255

 155, 144, 172

 129, 118, 145

 104, 94, 120


 79, 70, 95

 56, 48, 71


 34, 27, 49

 15, 0, 28

 0, 0, 0

 155, 144, 172

 145, 127, 172

 155, 144, 172

 165, 161, 172

134, 110, 172

172, 178, 174

124, 92, 172

172, 196, 182

113, 75, 172

172, 213, 188

103, 58, 172

172, 230, 195

92, 41, 172

172, 247, 201

82, 24, 172

172, 255, 199

71, 6, 172

172, 255, 188

68, 0, 172

172, 255, 178

Harmonies

Analogous

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



136, 146, 177



155, 144, 172



170, 140, 161

Triad

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



155, 144, 172



170, 161, 123



113, 137, 157

Complementary

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



155, 144, 172



144, 172, 155

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.



125, 147, 156



155, 144, 172



130, 157, 120

Square

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



155, 144, 172



178, 142, 132



125, 153, 137



110, 135, 165

Rectangle

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



155, 144, 172



176, 139, 151



125, 153, 137



116, 140, 157

Sweetspot

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



155, 144, 172



218, 213, 224



144, 155, 172



108, 105, 112



240, 240, 240



112, 112, 112

Same Dimension

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



155, 144, 172



197, 180, 224



169, 144, 172



81, 78, 87



59, 0, 150



9, 0, 23

Inverse Universe

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



172, 144, 161



224, 180, 207



144, 172, 169



87, 78, 83



150, 0, 91



23, 0, 14

Previews

White Background



This preview shows how the RYB color 155, 144, 172 looks on a white background.

Color Contrast Check

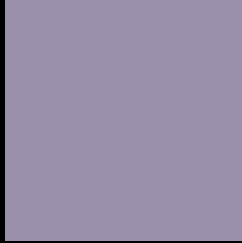
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 155, 144, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

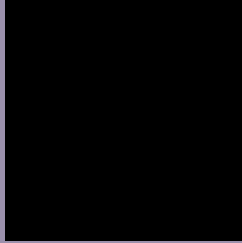
Any Text WCAG AA ✓ Pass

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 155, 144, 172 Background



This preview shows how black text looks on a background with the RYB color 155, 144, 172.



This preview shows how white text looks on a background with the RYB color 155, 144, 172.

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

155, 144, 172

Protanopia

144, 147, 174

Deuteranopia

152, 145, 172



Tritanopia
153, 146, 158

Trichromacy



Original Color

155, 144, 172

Protanomaly

148, 146, 173

Deuteranomaly

153, 145, 172

Tritanomaly

154, 145, 163

Monochromacy



Original Color

155, 144, 172

Achromatopsia

150, 150, 150

Achromatomaly

152, 148, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 155, 144, 172 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(155, 144, 172) looks like.

```
.text, #text, p{  
    color:rgb(155, 144, 172)  
}
```

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(155, 144, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 144, 172) }
```

Border

The CSS property to change the border of an element to RYB 155, 144, 172 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(155, 144, 172) }
```

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

```
.border{ border-color:rgb(155, 144, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 144, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 144, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 144, 172);  
box-shadow:4px 4px 4px 4px rgb(155, 144,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 155, 144, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 144, 172) }
```

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

```
.background{ background-color: rgb(155,  
144, 172) }
```

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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