

Converting Colors

`RYB(155, 128, 164)`

Have a look what the booklet for
RYB(155, 128, 164) contains.

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Color

R_YB(155, 128, 164)

Conversions

Conversions Part 1

Format	Color
Hex	9B80A4
RGB	155, 128, 164
RGB Percent	61%, 50%, 64%
CMY	0.3922, 0.4980, 0.3569
CMYK	0.05, 0.22, 0.00, 0.36
HSL	285°, 17%, 57%
HSV	285°, 22%, 64%
XYZ	27.9376, 25.0872, 38.4918
YIQ	140.1770, 4.5360, 16.9200

Conversions

Conversions Part 2

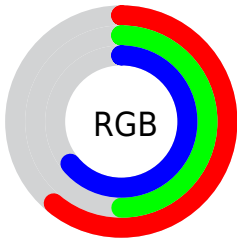
Format	Color
RYB	155, 128, 164
Decimal	10191012
CIELab	57.16, 17.10, -15.28
CIElCh	57, 22.930, 318.220
Yxy	25.0872, 0.3053, 0.2741
Android (android.graphics.Color)	4288381092 (0xFF9B80A4)
YUV	140.1770, 11.7447, 12.9998
Hunter-Lab	50.0872, 11.9111, -10.5031

Details

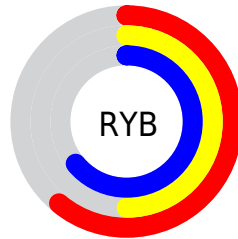
The RYB color **155, 128, 164** is a light color, and the websafe version is hex **996699**. A complement of this color would be **128, 164, 155**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **210, 181, 219**, and **103, 79, 112** is the 20% darker color. If you saturate the color by 10%, you get **151, 112, 164**, and if you desaturate by 10%, it is **159, 144, 164**.

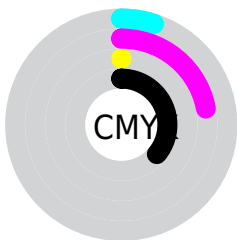
Distribution



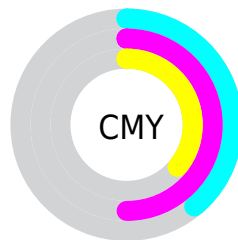
- Red (61%)
- Green (50%)
- Blue (64%)



- Red (61%)
- Yellow (50%)
- Blue (64%)



- Cyan (5%)
- Magenta (22%)
- Yellow (0%)
- Black (36%)



- Cyan (39%)
- Magenta (50%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the RYB color 155, 128, 164 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, 128, 164 by changing the saturation by 10% instead.

 155, 128, 164

255, 255, 255

 210, 181, 219

 238, 209, 248

 255, 237, 255

 155, 128, 164

 129, 103, 138

 103, 79, 112

 79, 56, 88

 56, 34, 64

 34, 13, 42

 1, 0, 21


 0, 0, 0

 155, 128, 164


 151, 112, 164

 155, 128, 164

 159, 144, 164

 147, 95, 164

 163, 161, 164

 143, 79, 164


 164, 177, 174

 139, 62, 164


 164, 194, 187

 134, 46, 164

 164, 210, 198

 130, 30, 164

 164, 226, 210

 126, 13, 164

 164, 243, 223

 123, 0, 164

 164, 255, 231

 164, 255, 227

Harmonies

Analogous

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



129, 134, 175



155, 128, 164



172, 123, 146

Triad

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



155, 128, 164



143, 159, 98



78, 113, 149

Complementary

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



155, 128, 164



128, 164, 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.



94, 127, 148



155, 128, 164



99, 140, 100

Square

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



155, 128, 164



173, 135, 108



110, 145, 139



80, 117, 166

Rectangle

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



155, 128, 164



177, 123, 132



110, 145, 139



82, 117, 148

Sweetspot

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



155, 128, 164



210, 199, 214



128, 135, 164



105, 99, 107



235, 235, 235



107, 107, 107

Same Dimension

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



155, 128, 164



200, 159, 214



164, 128, 156



80, 73, 82



109, 0, 145



13, 0, 18

Inverse Universe

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



164, 128, 137



214, 159, 172



128, 157, 164



82, 73, 75



145, 0, 36



18, 0, 4

Previews

White Background



This preview shows how the RYB color 155, 128, 164 looks on a white background.

Color Contrast Check

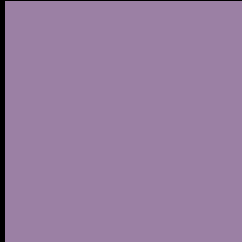
Large Text (above 18pt) WCAG AA ✓ Pass

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, 128, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

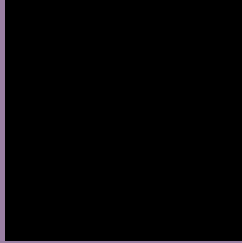
Any Text WCAG AA ✓ Pass

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, 128, 164 Background



This preview shows how black text looks on a background with the RYB color 155, 128, 164.



This preview shows how white text looks on a background with the RYB color 155, 128, 164.

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, 128, 164

Protanopia
130, 135, 170

Deuteranopia
138, 134, 163



Tritanopia

152, 132, 142

Trichromacy



Original Color

155, 128, 164

Protanomaly

139, 133, 168

Deuteranomaly

144, 132, 163

Tritanomaly

153, 131, 150

Monochromacy



Original Color

155, 128, 164

Achromatopsia

140, 140, 140

Achromatomaly

145, 136, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 128, 164 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, 128, 164) looks like.

```
.text, #text, p{  
    color:rgb(155, 128, 164)  
}
```

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, 128, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 128, 164) }
```

Border

The CSS property to change the border of an element to RYB 155, 128, 164 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, 128, 164) }
```

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

```
.border{ border-color:rgb(155, 128, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 128, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 128, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 128, 164);  
box-shadow:4px 4px 4px 4px rgb(155, 128,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 155, 128, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 128, 164) }
```

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

```
.background{ background-color: rgb(155,  
128, 164) }
```

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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