

Converting Colors

`RYB(140, 113, 155)`

Have a look what the booklet for
RYB(140, 113, 155) contains.

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Color

R_YB(140, 113, 155)

Conversions

Conversions Part 1

Format	Color
Hex	8C719B
RGB	140, 113, 155
RGB Percent	55%, 44%, 61%
CMY	0.4510, 0.5569, 0.3922
CMYK	0.10, 0.27, 0.00, 0.39
HSL	279°, 17%, 53%
HSV	279°, 27%, 61%
XYZ	22.6367, 19.7523, 33.6298
YIQ	125.8610, 2.6100, 18.7860

Conversions

Conversions Part 2

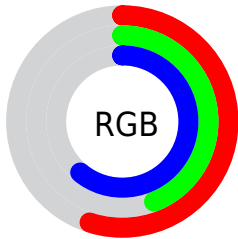
Format	Color
R_{YB}	140, 113, 155
Decimal	9204123
CIE _{Lab}	51.56, 18.74, -18.72
CIE _{LCh}	52, 26.485, 315.035
Yxy	19.7523, 0.2978, 0.2598
Android (android.graphics.Color)	4287394203 (0xFF8C719B)
YUV	125.8610, 14.3655, 12.3999
Hunter-Lab	44.4435, 13.1405, -13.7535

Details

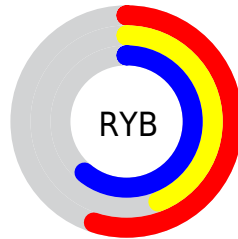
The RYB color **140, 113, 155** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **113, 155, 140**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **194, 165, 210**, and **89, 65, 104** is the 20% darker color. If you saturate the color by 10%, you get **134, 98, 155**, and if you desaturate by 10%, it is **146, 129, 155**.

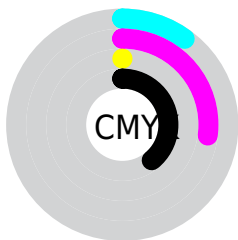
Distribution



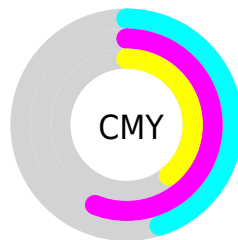
- Red (55%)
- Green (44%)
- Blue (61%)



- Red (55%)
- Yellow (44%)
- Blue (61%)



- Cyan (10%)
- Magenta (27%)
- Yellow (0%)
- Black (39%)



- Cyan (45%)
- Magenta (56%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the RYB color 140, 113, 155 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 140, 113, 155 by changing the saturation by 10% instead.

 140, 113, 155


255, 255, 255

 194, 165, 210

 222, 192, 238

 251, 220, 255


 255, 249, 255

 140, 113, 155

 114, 88, 129

 89, 65, 104

 65, 42, 80

 43, 21, 56


 25, 0, 35


 0, 0, 10

 0, 0, 0


 140, 113, 155


 134, 98, 155

 140, 113, 155


 146, 129, 155

 129, 82, 155

 151, 144, 155

 123, 67, 155

 155, 160, 158

 118, 51, 155


 155, 175, 168

 112, 35, 155

 155, 190, 177

 107, 20, 155

 155, 206, 188

 101, 5, 155

 155, 222, 198

 100, 0, 155

 155, 237, 208

 155, 252, 217

Harmonies

Analogous

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



109, 119, 166



140, 113, 155



160, 107, 135

Triad

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



140, 113, 155



132, 148, 79



49, 92, 135

Complementary

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



140, 113, 155



113, 155, 140

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.



74, 112, 134



140, 113, 155



81, 127, 79

Square

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



140, 113, 155



163, 116, 92



90, 131, 120



46, 94, 154

Rectangle

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



140, 113, 155



167, 106, 120



90, 131, 120



56, 98, 135

Sweetspot

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



140, 113, 155



196, 185, 201



113, 124, 155



98, 92, 102



230, 230, 230



102, 102, 102

Same Dimension

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



140, 113, 155



178, 135, 201



155, 113, 149



74, 69, 77



90, 0, 140



8, 0, 13

Inverse Universe

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



155, 113, 128



201, 135, 159



113, 150, 155



77, 69, 72



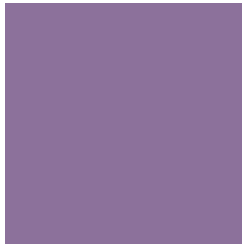
140, 0, 50



13, 0, 5

Previews

White Background



This preview shows how the RYB color 140, 113, 155 looks on a white background.

Color Contrast Check

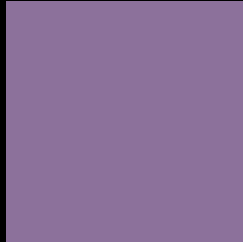
Large Text (above 18pt) WCAG AA ✓ Pass

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 140, 113, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

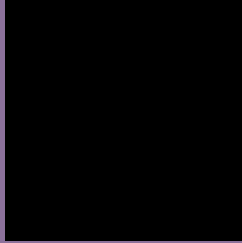
Any Text WCAG AA ✓ Pass

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 140, 113, 155 Background



This preview shows how black text looks on a background with the RYB color 140, 113, 155.



This preview shows how white text looks on a background with the RYB color 140, 113, 155.

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

140, 113, 155

Protanopia

112, 120, 161

Deuteranopia

119, 121, 154



Tritanopia
136, 118, 127

Trichromacy



Original Color
140, 113, 155

Protanomaly
122, 119, 159

Deuteranomaly
127, 118, 154

Tritanomaly
137, 116, 137

Monochromacy



Original Color
140, 113, 155

Achromatopsia
126, 126, 126

Achromatomaly
131, 121, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 113, 155 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(140, 113, 155) looks like.

```
.text, #text, p{  
    color:rgb(140, 113, 155)  
}
```

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(140, 113, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 113, 155) }
```

Border

The CSS property to change the border of an element to RYB 140, 113, 155 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(140, 113, 155) }
```

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

```
.border{ border-color:rgb(140, 113, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 113, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 113, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 113, 155);  
box-shadow:4px 4px 4px 4px rgb(140, 113,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 140, 113, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 113, 155) }
```

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

```
.background{ background-color: rgb(140,  
113, 155) }
```

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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