

Converting Colors

`RYB(140, 113, 152)`

Have a look what the booklet for
RYB(140, 113, 152) contains.

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Color

R_YB(140, 113, 152)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 8C7198 |
| RGB | 140, 113, 152 |
| RGB Percent | 55%, 44%, 60% |
| CMY | 0.4510, 0.5569, 0.4039 |
| CMYK | 0.08, 0.26, 0.00, 0.40 |
| HSL | 282°, 16%, 52% |
| HSV | 282°, 26%, 60% |
| XYZ | 22.3878, 19.6527, 32.3191 |
| YIQ | 125.5190, 3.5730, 17.8530 |

Conversions

Conversions Part 2

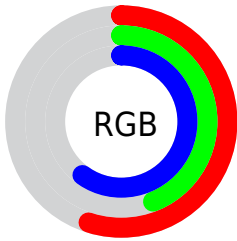
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 140, 113, 152 |
| Decimal | 9204120 |
| CIE Lab | 51.44, 18.09, -17.13 |
| CIE LCh | 51, 24.915, 316.555 |
| Yxy | 19.6527, 0.3011, 0.2643 |
| Android (android.graphics.Color) | 4287394200 (0xFF8C7198) |
| YUV | 125.5190, 13.0551, 12.6998 |
| Hunter-Lab | 44.3314, 12.5646, -12.1926 |

Details

The RYB color **140, 113, 152** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **113, 152, 140**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **194, 165, 206**, and **89, 65, 101** is the 20% darker color. If you saturate the color by 10%, you get **135, 98, 152**, and if you desaturate by 10%, it is **145, 128, 152**.

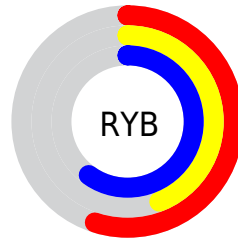
Distribution



Red (55%)

Green (44%)

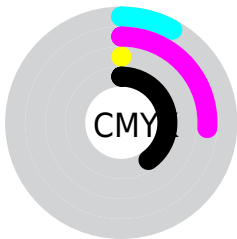
Blue (60%)



Red (55%)

Yellow (44%)

Blue (60%)

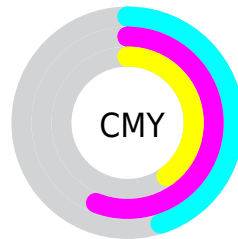


Cyan (8%)

Magenta (26%)

Yellow (0%)

Black (40%)



Cyan (45%)


Magenta (56%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the RYB color 140, 113, 152 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, 152 by changing the saturation by 10% instead.

 140, 113, 152


255, 255, 255

 194, 165, 206

 222, 192, 235

 251, 220, 255


 255, 249, 255

 140, 113, 152

 114, 88, 126

 89, 65, 101

 66, 42, 77

 43, 21, 54


 25, 0, 33


 0, 0, 6

 0, 0, 0

 140, 113, 152

 135, 98, 152

 140, 113, 152

 145, 128, 152

131, 83, 152

149, 143, 152

126, 67, 152

152, 159, 157

121, 52, 152

152, 174, 167

117, 37, 152

152, 189, 178

112, 22, 152

152, 204, 188

107, 7, 152

152, 219, 198

105, 0, 152

152, 235, 210

152, 250, 220

Harmonies

Analogous

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



112, 120, 163



140, 113, 152



158, 108, 133

Triad

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



140, 113, 152



130, 146, 81



55, 95, 134

Complementary

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



140, 113, 152



113, 152, 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.



76, 112, 134



140, 113, 152



81, 125, 81

Square

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



140, 113, 152



160, 118, 93



93, 130, 122



55, 98, 153

Rectangle

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



140, 113, 152



164, 107, 119



93, 130, 122



61, 99, 134

Sweetspot

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



140, 113, 152



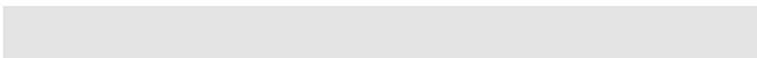
192, 181, 196



113, 122, 152



96, 90, 99



227, 227, 227



99, 99, 99

Same Dimension

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



140, 113, 152



178, 135, 196



152, 113, 145



74, 69, 77



97, 0, 140



9, 0, 13

Inverse Universe

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



152, 113, 125



196, 135, 154



113, 146, 152



77, 69, 71



140, 0, 43



13, 0, 4

Previews

White Background



This preview shows how the RYB color 140, 113, 152 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, 152 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, 152 Background



This preview shows how black text looks on a background with the RYB color 140, 113, 152.



This preview shows how white text looks on a background with the RYB color 140, 113, 152.

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, 152

Protanopia
113, 120, 158

Deuteranopia
121, 120, 151



Tritanopia
136, 118, 127

Trichromacy



Original Color

140, 113, 152

Protanomaly

123, 118, 156

Deuteranomaly

128, 117, 151

Tritanomaly

137, 116, 136

Monochromacy



Original Color

140, 113, 152

Achromatopsia

126, 126, 126

Achromatomaly

131, 121, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 113, 152 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, 152) looks like.

```
.text, #text, p{  
    color:rgb(140, 113, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 113, 152) }
```

Border

The CSS property to change the border of an element to RYB 140, 113, 152 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, 152) }
```

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

```
.border{ border-color:rgb(140, 113, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 113, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 113, 152);  
box-shadow:4px 4px 4px 4px rgb(140, 113,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 140, 113, 152 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, 152) }
```

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

```
.background{ background-color: rgb(140,  
113, 152) }
```

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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