

Converting Colors

`RYB(163, 132, 142)`

Have a look what the booklet for
RYB(163, 132, 142) contains.

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Color

R_YB(163, 132, 142)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A3848E |
| RGB | 163, 132, 142 |
| RGB Percent | 64%, 52%, 56% |
| CMY | 0.3608, 0.4824, 0.4431 |
| CMYK | 0.00, 0.19, 0.13, 0.36 |
| HSL | 341°, 14%, 58% |
| HSV | 341°, 19%, 64% |
| XYZ | 28.2380, 26.2421, 29.1681 |
| YIQ | 142.4090, 15.2660, 9.6820 |

Conversions

Conversions Part 2

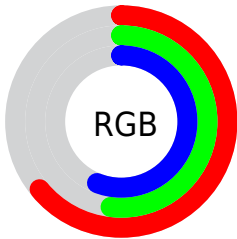
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 163, 132, 142 |
| Decimal | 10716302 |
| CIE _{Lab} | 58.27, 13.52, -0.88 |
| CIE _{LCh} | 58, 13.549, 356.265 |
| Yxy | 26.2421, 0.3376, 0.3137 |
| Android (android.graphics.Color) | 4288906382 (0xFFA3848E) |
| YUV | 142.4090, -0.2016, 18.0583 |
| Hunter-Lab | 51.2270, 8.7478, 2.0998 |

Details

The RYB color **163, 132, 142** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **132, 150, 163**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **218, 185, 196**, and **111, 82, 92** is the 20% darker color. If you saturate the color by 10%, you get **163, 116, 131**, and if you desaturate by 10%, it is **163, 148, 153**.

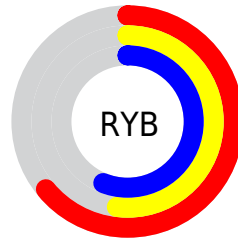
Distribution



Red (64%)

Green (52%)

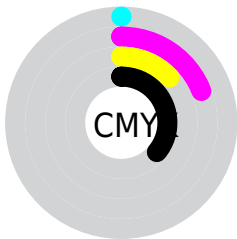
Blue (56%)



Red (64%)

Yellow (52%)

Blue (56%)

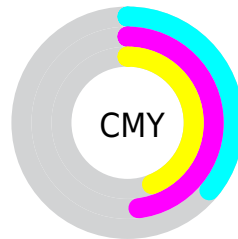


Cyan (0%)

Magenta (19%)

Yellow (13%)

Black (36%)



Cyan (36%)

Magenta (48%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 163, 132, 142 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 163, 132, 142 by changing the saturation by 10% instead.


 163, 132, 142


255, 255, 255


 218, 185, 196

 247, 213, 224

 255, 241, 252

 163, 132, 142

 137, 107, 116

 111, 82, 92

 86, 59, 68


 63, 37, 46

 40, 17, 26

 15, 0, 0


 0, 0, 0

 163, 132, 142


 163, 116, 131


 163, 132, 142

 163, 148, 153

 163, 99, 120

 163, 164, 165

 163, 83, 109

 163, 174, 181

 163, 67, 98

 163, 183, 197

 163, 51, 87

 163, 194, 214

 163, 34, 76

 163, 203, 230

 163, 18, 65

 163, 213, 246

 163, 2, 54

 163, 216, 255

 163, 0, 53

 163, 213, 255

Harmonies

Analogous

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



154, 134, 153



163, 132, 142



165, 132, 130

Triad

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



163, 132, 142



119, 143, 124



113, 132, 159

Complementary

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



163, 132, 142



132, 150, 163

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.



109, 129, 150



163, 132, 142



125, 143, 145

Square

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



163, 132, 142



136, 151, 117



114, 133, 147



125, 137, 163

Rectangle

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



163, 132, 142



163, 138, 123



114, 133, 147



111, 131, 157

Sweetspot

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



163, 132, 142



212, 199, 203



153, 132, 163



107, 100, 102



235, 235, 235



107, 107, 107

Same Dimension

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



163, 132, 142



212, 163, 179



163, 138, 132



82, 73, 76



145, 0, 47



18, 0, 6

Inverse Universe

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



163, 132, 142



212, 163, 179



132, 146, 163



82, 73, 76



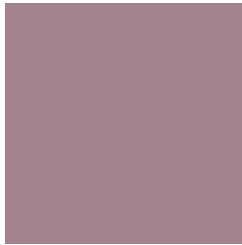
145, 0, 47



18, 0, 6

Previews

White Background



This preview shows how the RYB color 163, 132, 142 looks on a white background.

Color Contrast Check

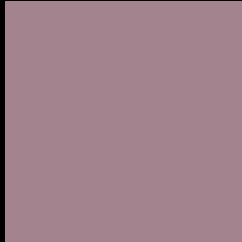
Large Text (above 18pt) WCAG AA ✓ Pass

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 163, 132, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

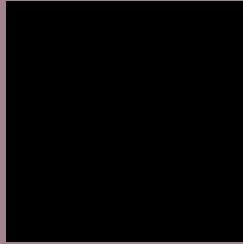
Any Text WCAG AA ✓ Pass

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](#).

RYP 163, 132, 142 Background



This preview shows how black text looks on a background with the RYB color 163, 132, 142.



This preview shows how white text looks on a background with the RYB color 163, 132, 142.

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
163, 132, 142

Protanopia
141, 139, 146

Deuteranopia
153, 136, 141



Tritanopia
163, 132, 142

Trichromacy



Original Color
163, 132, 142

Protanomaly
149, 136, 145

Deuteranomaly
157, 135, 141

Tritanomaly
163, 132, 142

Monochromacy



Original Color
163, 132, 142

Achromatopsia
142, 142, 142

Achromatomaly
150, 138, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 163, 132, 142 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(163, 132, 142) looks like.

```
.text, #text, p{  
    color:rgb(163, 132, 142)  
}
```

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(163, 132, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 132, 142) }
```

Border

The CSS property to change the border of an element to RYB 163, 132, 142 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(163, 132, 142) }
```

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

```
.border{ border-color:rgb(163, 132, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 132, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 132, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 132, 142);  
box-shadow:4px 4px 4px 4px rgb(163, 132,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 163, 132, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 132, 142) }
```

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

```
.background{ background-color: rgb(163,  
132, 142) }
```

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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