

Converting Colors

`RYB(155, 62, 132)`

Have a look what the booklet for
RYB(155, 62, 132) contains.

RYB(155, 62, 132)	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

`RYB(155, 62, 132)`

Conversions

Conversions Part 1

Format	Color
Hex	9B3E84
RGB	155, 62, 132
RGB Percent	61%, 24%, 52%
CMY	0.3922, 0.7569, 0.4824
CMYK	0.00, 0.60, 0.15, 0.39
HSL	315°, 43%, 43%
HSV	315°, 60%, 61%
XYZ	19.4051, 12.0798, 23.1387
YIQ	97.7870, 32.9580, 41.4860

Conversions

Conversions Part 2

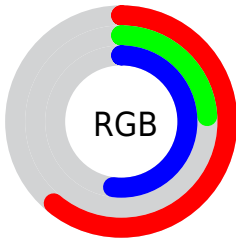
Format	Color
R_{YB}	155, 62, 132
Decimal	10174084
CIE Lab	41.34, 47.25, -20.48
CIE LCh	41, 51.499, 336.563
Yxy	12.0798, 0.3553, 0.2211
Android (android.graphics.Color)	4288364164 (0xFF9B3E84)
YUV	97.7870, 16.8670, 50.1758
Hunter-Lab	34.7559, 38.8378, -15.1430

Details

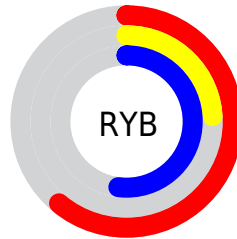
The RYB color **155, 62, 132** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **62, 137, 155**, and the grayscale version is **98, 98, 98**.

A 20% lighter version of the original color is **212, 115, 185**, and **101, 0, 82** is the 20% darker color. If you saturate the color by 10%, you get **155, 47, 128**, and if you desaturate by 10%, it is **155, 78, 136**.

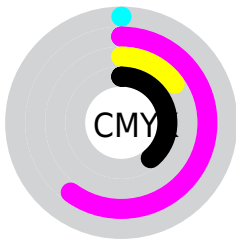
Distribution



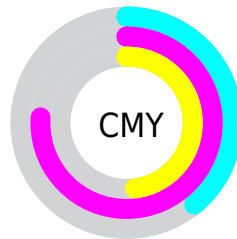
- Red (61%)
- Green (24%)
- Blue (52%)



- Red (61%)
- Yellow (24%)
- Blue (52%)



- Cyan (0%)
- Magenta (60%)
- Yellow (15%)
- Black (39%)




- Cyan (39%)
- Magenta (76%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the RYB color 155, 62, 132 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, 62, 132 by changing the saturation by 10% instead.

 155, 62, 132

255, 255, 255

 212, 115, 185

 241, 142, 213

 255, 169, 241

 255, 197, 255

 255, 226, 255


 155, 62, 132

 128, 35, 107

 101, 0, 82

 75, 0, 59

 52, 0, 37

 18, 0, 14

 0, 0, 0

 155, 62, 132

 155, 47, 128

 155, 31, 124

 155, 62, 132

 155, 78, 136

 155, 93, 140

155, 15, 121

155, 108, 144

155, 0, 117

155, 124, 147

155, 139, 151

155, 155, 155

155, 168, 171

155, 180, 186

155, 192, 202

Harmonies

Analogous

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



110, 82, 166



155, 62, 132



172, 53, 90

Triad

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



155, 62, 132



11, 109, 0



0, 65, 147

Complementary

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



155, 62, 132



62, 137, 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.



0, 61, 117



155, 62, 132



20, 109, 65

Square

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



155, 62, 132



124, 144, 11



0, 75, 115



0, 68, 175

Rectangle

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



155, 62, 132



171, 59, 62



0, 75, 115



0, 62, 134

Sweetspot

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



155, 62, 132



201, 165, 192



84, 62, 155



102, 80, 96



230, 230, 230



102, 102, 102

Same Dimension

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



155, 62, 132



201, 56, 166



155, 62, 87



77, 69, 75



140, 0, 106



13, 0, 10

Inverse Universe

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



155, 62, 132



201, 56, 166



62, 116, 155



77, 69, 75



140, 0, 106



13, 0, 10

Previews

White Background



This preview shows how the RYB color 155, 62, 132 looks on a white 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

Black Background



This preview shows how the RYB color 155, 62, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

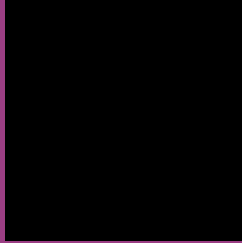
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 155, 62, 132 Background



This preview shows how black text looks on a background with the RGB color 155, 62, 132.



This preview shows how white text looks on a background with the RGB color 155, 62, 132.

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, 62, 132

Protanopia
73, 91, 159

Deuteranopia
93, 96, 126



Tritanopia
150, 75, 80

Trichromacy



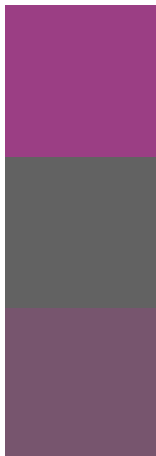
Original Color
155, 62, 132

Protanomaly
103, 84, 149

Deuteranomaly
116, 84, 128

Tritanomaly
152, 70, 99

Monochromacy



Original Color
155, 62, 132

Achromatopsia
98, 98, 98

Achromatomaly
119, 85, 110

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 62, 132 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, 62, 132) looks like.

```
.text, #text, p{  
    color:rgb(155, 62, 132)  
}
```

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, 62, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 62, 132) }
```

Border

The CSS property to change the border of an element to RYB 155, 62, 132 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, 62, 132) }
```

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

```
.border{ border-color:rgb(155, 62, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 62, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 62, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 62, 132); box-shadow:4px 4px 4px 4px rgb(155, 62, 132) }
```

Background

The CSS property to change the background color of an element to RGB 155, 62, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 62, 132) }
```

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

```
.background{ background-color: rgb(155, 62,  
132) }
```

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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