

Converting Colors

`RYB(155, 58, 145)`

Have a look what the booklet for
RYB(155, 58, 145) contains.

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Color

R_YB(155, 58, 145)

Conversions

Conversions Part 1

Format	Color
Hex	9B3A91
RGB	155, 58, 145
RGB Percent	61%, 23%, 57%
CMY	0.3922, 0.7725, 0.4314
CMYK	0.00, 0.63, 0.06, 0.39
HSL	306°, 46%, 42%
HSV	306°, 63%, 61%
XYZ	20.1415, 12.0390, 28.0503
YIQ	96.9210, 29.8850, 47.6210

Conversions

Conversions Part 2

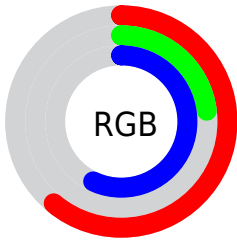
Format	Color
R_{YB}	155, 58, 145
Decimal	10173073
CIE _{Lab}	41.28, 51.21, -28.50
CIE _{LCh}	41, 58.605, 330.898
Yxy	12.0390, 0.3344, 0.1999
Android (android.graphics.Color)	4288363153 (0xFF9B3A91)
YUV	96.9210, 23.7029, 50.9353
Hunter-Lab	34.6973, 42.8974, -23.6436

Details

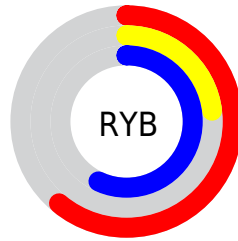
The RYB color **155, 58, 145** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **58, 146, 155**, and the grayscale version is **97, 97, 97**.

A 20% lighter version of the original color is **212, 111, 199**, and **101, 0, 94** is the 20% darker color. If you saturate the color by 10%, you get **155, 42, 143**, and if you desaturate by 10%, it is **155, 73, 147**.

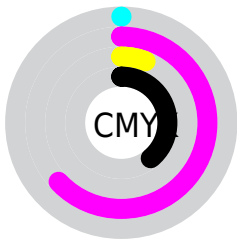
Distribution



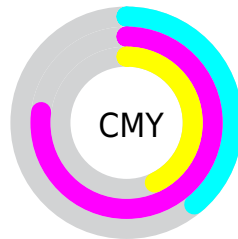
- Red (61%)
- Green (23%)
- Blue (57%)



- Red (61%)
- Yellow (23%)
- Blue (57%)



- Cyan (0%)
- Magenta (63%)
- Yellow (6%)
- Black (39%)



- Cyan (39%)
- Magenta (77%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 58, 145 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, 58, 145 by changing the saturation by 10% instead.



155, 58, 145



155, 58, 145

255, 255, 255



128, 29, 119



212, 111, 199



101, 0, 94



241, 138, 227



74, 0, 70



255, 166, 255



51, 0, 48



255, 194, 255



18, 0, 26



255, 223, 255



0, 0, 0



255, 252, 255



155, 58, 145



155, 58, 145



155, 42, 143



155, 73, 147

155, 27, 142

155, 89, 148

155, 11, 140

155, 104, 150

155, 0, 139

155, 120, 151

155, 135, 153

155, 151, 155

155, 166, 167

155, 179, 182

155, 193, 197

Harmonies

Analogous

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



95, 84, 181



155, 58, 145



180, 40, 98

Triad

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



155, 58, 145



26, 117, 0



0, 65, 146

Complementary

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



155, 58, 145



58, 146, 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, 65, 118



155, 58, 145



0, 108, 40

Square

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



155, 58, 145



154, 150, 0



0, 82, 115



0, 70, 182

Rectangle

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



155, 58, 145



180, 45, 66



0, 82, 115



0, 62, 130

Sweetspot

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



155, 58, 145



201, 163, 198



68, 58, 155



102, 79, 100



230, 230, 230



102, 102, 102

Same Dimension

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



155, 58, 145



201, 50, 186



155, 58, 97



77, 69, 76



140, 0, 126



13, 0, 11

Inverse Universe

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



155, 58, 145



201, 50, 186



58, 119, 155



77, 69, 76



140, 0, 126



13, 0, 11

Previews

White Background



This preview shows how the RYB color 155, 58, 145 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, 58, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

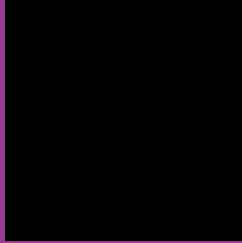
Any Text WCAG AA × Fail

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](#).

RYB 155, 58, 145 Background



This preview shows how black text looks on a background with the RYB color 155, 58, 145.

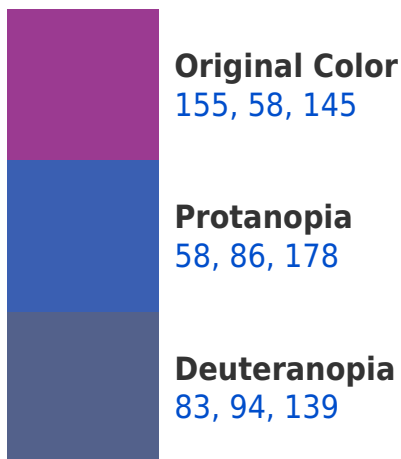


This preview shows how white text looks on a background with the RYB color 155, 58, 145.

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





Tritanopia
148, 76, 81

Trichromacy



Original Color

155, 58, 145



Protanomaly

93, 82, 166



Deuteranomaly

109, 83, 141



Tritanomaly

151, 69, 104

Monochromacy



Original Color

155, 58, 145



Achromatopsia

97, 97, 97



Achromatomaly

118, 83, 114

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 58, 145 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, 58, 145)` looks like.

```
.text, #text, p{  
    color:rgb(155, 58, 145)  
}
```

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, 58, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 58, 145) }
```

Border

The CSS property to change the border of an element to RYB 155, 58, 145 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, 58, 145) }
```

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

```
.border{ border-color:rgb(155, 58, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 58, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 58, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 58, 145);  
box-shadow:4px 4px 4px 4px rgb(155, 58,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 155, 58, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 58, 145) }
```

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

```
.background{ background-color: rgb(155, 58,  
145) }
```

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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