

Converting Colors

`RYB(185, 55, 120)`

Have a look what the booklet for
RYB(185, 55, 120) contains.

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Color

`RYB(185, 55, 120)`

Conversions

Conversions Part 1

Format	Color
Hex	B93778
RGB	185, 55, 120
RGB Percent	73%, 22%, 47%
CMY	0.2745, 0.7843, 0.5294
CMYK	0.00, 0.70, 0.35, 0.27
HSL	330°, 54%, 47%
HSV	330°, 70%, 73%
XYZ	24.7639, 14.4027, 19.2441
YIQ	101.2800, 56.6150, 47.7750

Conversions

Conversions Part 2

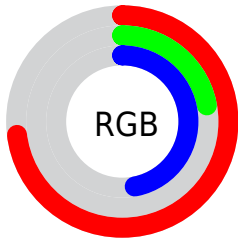
Format	Color
R_{YB}	185, 55, 120
Decimal	12138360
CIE _{Lab}	44.81, 57.26, -7.40
CIE _{LCh}	45, 57.733, 352.633
Yxy	14.4027, 0.4240, 0.2466
Android (android.graphics.Color)	4290328440 (0xFFB93778)
YUV	101.2800, 9.2290, 73.4224
Hunter-Lab	37.9509, 50.0616, -3.4990

Details

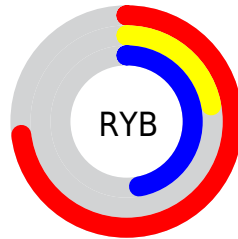
The RYB color **185, 55, 120** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **55, 142, 185**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **245, 111, 172**, and **127, 0, 72** is the 20% darker color. If you saturate the color by 10%, you get **185, 37, 111**, and if you desaturate by 10%, it is **185, 74, 129**.

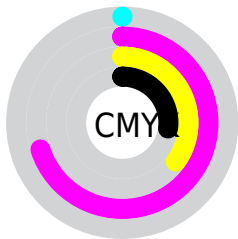
Distribution



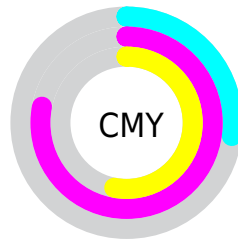
- Red (73%)
- Green (22%)
- Blue (47%)



- Red (73%)
- Yellow (22%)
- Blue (47%)



- Cyan (0%)
- Magenta (70%)
- Yellow (35%)
- Black (27%)





- Cyan (27%)
- Magenta (78%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 55, 120 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 185, 55, 120 by changing the saturation by 10% instead.

 185, 55, 120

 185, 55, 120

255, 255, 255

 156, 20, 95

 245, 111, 172

 127, 0, 72

 255, 139, 200

 99, 0, 49

 255, 167, 228


 72, 0, 28

 255, 196, 255

 46, 0, 2


 255, 225, 255


 0, 0, 0

 185, 55, 120

 185, 55, 120

 185, 37, 111

 185, 74, 129

 185, 18, 102

 185, 92, 139

185, 0, 93

185, 111, 148

185, 129, 157

185, 148, 166

185, 166, 176

185, 185, 185

185, 197, 203

185, 209, 221

Harmonies

Analogous

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



152, 75, 165



185, 55, 120



190, 58, 72

Triad

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



185, 55, 120



0, 114, 21



0, 74, 182

Complementary

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



185, 55, 120



55, 142, 185

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, 67, 142



185, 55, 120



14, 100, 123

Square

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



185, 55, 120



52, 138, 0



0, 74, 127



0, 73, 202

Rectangle

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



185, 55, 120



180, 79, 42



0, 74, 127



0, 72, 170

Sweetspot

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



185, 55, 120



240, 189, 215



120, 55, 185



120, 90, 105



247, 247, 247



120, 120, 120

Same Dimension

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



185, 55, 120



240, 38, 139



185, 55, 55



92, 83, 87



156, 0, 78



28, 0, 14

Inverse Universe

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



185, 55, 120



240, 38, 139



55, 120, 185



92, 83, 87



156, 0, 78



28, 0, 14

Previews

White Background



This preview shows how the RYB color 185, 55, 120 looks on a white background.

Color Contrast Check

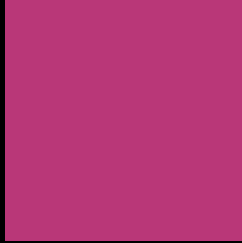
Large Text (above 18pt) WCAG AA ✓ Pass

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 185, 55, 120 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 185, 55, 120 Background



This preview shows how black text looks on a background with the RYB color 185, 55, 120.

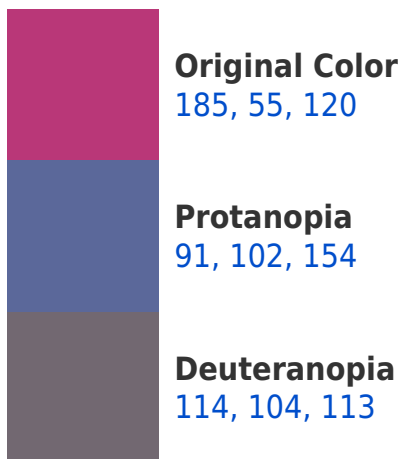


This preview shows how white text looks on a background with the RYB color 185, 55, 120.

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
182, 67, 72

Trichromacy



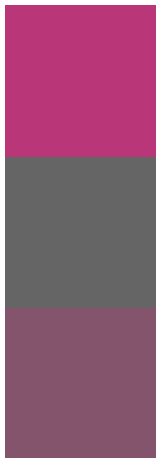
Original Color
185, 55, 120

Protanomaly
125, 87, 142

Deuteranomaly
140, 86, 116

Tritanomaly
183, 63, 89

Monochromacy



Original Color
185, 55, 120

Achromatopsia
101, 101, 101

Achromatomaly
132, 84, 108

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 55, 120 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(185, 55, 120)` looks like.

```
.text, #text, p{  
    color:rgb(185, 55, 120)  
}
```

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(185, 55, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 55, 120) }
```

Border

The CSS property to change the border of an element to RYB 185, 55, 120 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(185, 55, 120) }
```

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

```
.border{ border-color:rgb(185, 55, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 55, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 55, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 55, 120);  
box-shadow:4px 4px 4px 4px rgb(185, 55,  
120) }
```

Background

The CSS property to change the background color of an element to RYB 185, 55, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 55, 120) }
```

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

```
.background{ background-color: rgb(185, 55,  
120) }
```

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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