

Converting Colors

`RYB(115, 85, 136)`

Have a look what the booklet for
RYB(115, 85, 136) contains.

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Color

R_YB(115, 85, 136)

Conversions

Conversions Part 1

Format	Color
Hex	735588
RGB	115, 85, 136
RGB Percent	45%, 33%, 53%
CMY	0.5490, 0.6667, 0.4667
CMYK	0.15, 0.38, 0.00, 0.47
HSL	275°, 23%, 43%
HSV	275°, 38%, 53%
XYZ	14.7627, 11.9194, 24.8152
YIQ	99.7840, 1.5090, 22.2210

Conversions

Conversions Part 2

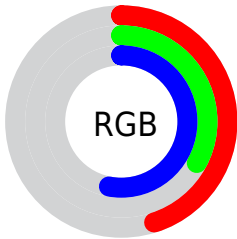
Format	Color
R_{YB}	115, 85, 136
Decimal	7558536
CIE _{Lab}	41.09, 22.70, -23.74
CIE _{LCh}	41, 32.846, 313.720
Yxy	11.9194, 0.2867, 0.2315
Android (android.graphics.Color)	4285748616 (0xFF735588)
YUV	99.7840, 17.8545, 13.3444
Hunter-Lab	34.5245, 15.9087, -18.4487

Details

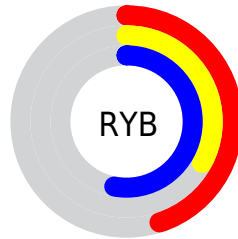
The RYB color **115, 85, 136** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **85, 136, 115**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **168, 135, 190**, and **66, 39, 86** is the 20% darker color. If you saturate the color by 10%, you get **109, 71, 136**, and if you desaturate by 10%, it is **121, 99, 136**.

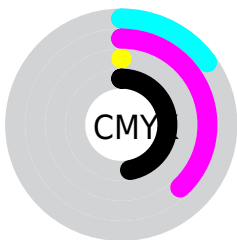
Distribution



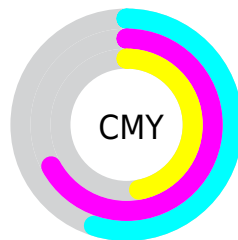
- Red (45%)
- Green (33%)
- Blue (53%)



- Red (45%)
- Yellow (33%)
- Blue (53%)



- Cyan (15%)
- Magenta (38%)
- Yellow (0%)
- Black (47%)



- Cyan (55%)
- Magenta (67%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 85, 136 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 115, 85, 136 by changing the saturation by 10% instead.



115, 85, 136



115, 85, 136

255, 255, 255



90, 61, 110



168, 135, 190



66, 39, 86



195, 161, 217



42, 18, 62



223, 189, 246



25, 0, 41



252, 216, 255



0, 1, 18



255, 245, 255



0, 0, 0



115, 85, 136



115, 85, 136



109, 71, 136



121, 99, 136



104, 58, 136



126, 112, 136

■ 98, 44, 136

■ 132, 126, 136

■ 93, 31, 136

■ 136, 139, 138

■ 87, 17, 136

■ 136, 153, 146

■ 81, 3, 136

■ 136, 167, 154

■ 80, 0, 136

■ 136, 180, 162

■ 136, 194, 170

■ 136, 207, 178

Harmonies

Analogous

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



75, 91, 149



115, 85, 136



139, 76, 113

Triad

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



115, 85, 136



107, 125, 45



0, 56, 111

Complementary

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



115, 85, 136



85, 136, 115

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.



28, 78, 110



115, 85, 136



45, 101, 43

Square

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



115, 85, 136



142, 88, 61



57, 106, 92



0, 60, 133

Rectangle

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



115, 85, 136



147, 74, 95



57, 106, 92



0, 59, 111

Sweetspot

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



115, 85, 136



168, 157, 176



85, 100, 136



84, 78, 89



217, 217, 217



89, 89, 89

Same Dimension

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



115, 85, 136



143, 97, 176



136, 85, 132



66, 62, 69



78, 0, 133



3, 0, 5

Inverse Universe

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



136, 85, 106



176, 97, 129



85, 132, 136



69, 62, 65



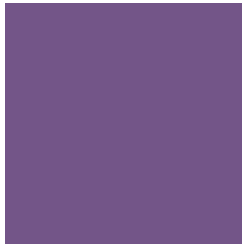
133, 0, 55



5, 0, 2

Previews

White Background



This preview shows how the RYB color 115, 85, 136 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 115, 85, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

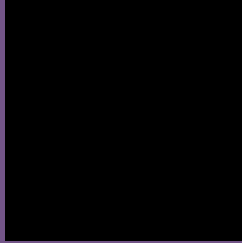
Any Text WCAG AA × Fail

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](#).

R Y B 115, 85, 136 Background



This preview shows how black text looks on a background with the R Y B color 115, 85, 136.



This preview shows how white text looks on a background with the R Y B color 115, 85, 136.

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

115, 85, 136

Protanopia

80, 92, 144

Deuteranopia

85, 94, 134



Tritanopia
109, 93, 100

Trichromacy



Original Color
115, 85, 136

Protanomaly
93, 91, 141

Deuteranomaly
96, 92, 135

Tritanomaly
111, 90, 113

Monochromacy



Original Color
115, 85, 136

Achromatopsia
100, 100, 100

Achromatomaly
105, 95, 113

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 85, 136 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(115, 85, 136)` looks like.

```
.text, #text, p{  
    color:rgb(115, 85, 136)  
}
```

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(115, 85, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 85, 136) }
```

Border

The CSS property to change the border of an element to RYB 115, 85, 136 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(115, 85, 136) }
```

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

```
.border{ border-color:rgb(115, 85, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 85, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 85, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 85, 136); box-shadow:4px 4px 4px 4px rgb(115, 85, 136) }
```

Background

The CSS property to change the background color of an element to RGB 115, 85, 136 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 85, 136) }
```

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

```
.background{ background-color: rgb(115, 85,  
136) }
```

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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