

Converting Colors

`RYB(136, 116, 113)`

Have a look what the booklet for
RYB(136, 116, 113) contains.

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Color

R_YB(136, 116, 113)

Conversions

Conversions Part 1

Format	Color
Hex	887471
RGB	136, 116, 113
RGB Percent	53%, 45%, 44%
CMY	0.4667, 0.5465, 0.5569
CMYK	0.00, 0.15, 0.17, 0.47
HSL	7°, 9%, 49%
HSV	7°, 17%, 53%
XYZ	19.3395, 18.8376, 18.2395
YIQ	121.6380, 12.8830, 3.3070

Conversions

Conversions Part 2

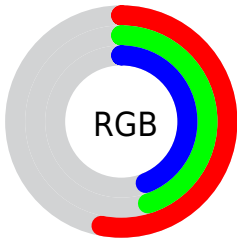
Format	Color
R_{YB}	136, 116, 113
Decimal	8942705
CIE _{Lab}	50.50, 7.46, 4.40
CIE _{LCh}	50, 8.661, 30.522
Yxy	18.8376, 0.3428, 0.3339
Android (android.graphics.Color)	4287132785 (0xFF887471)
YUV	121.6380, -4.2585, 12.5955
Hunter-Lab	43.4023, 3.5833, 5.4654

Details

The RYB color **136, 116, 113** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **113, 124, 136**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **190, 168, 165**, and **86, 69, 65** is the 20% darker color. If you saturate the color by 10%, you get **136, 105, 99**, and if you desaturate by 10%, it is **136, 128, 127**.

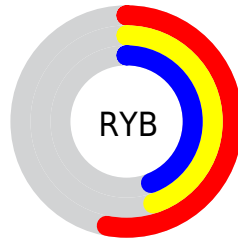
Distribution



Red (53%)

Green (45%)

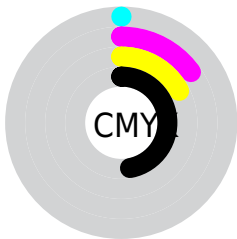
Blue (44%)



Red (53%)

Yellow (45%)

Blue (44%)

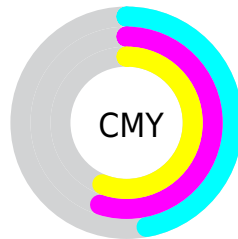


Cyan (0%)

Magenta (15%)

Yellow (17%)

Black (47%)



Cyan (47%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 116, 113 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 136, 116, 113 by changing the saturation by 10% instead.

 136, 116, 113

255, 255, 255


 190, 168, 165

 217, 195, 192

 246, 223, 220

 255, 253, 248

 136, 116, 113

 136, 105, 99


 136, 93, 86

 136, 116, 113

 110, 91, 89

 86, 69, 65

 62, 45, 43

 40, 25, 23

 19, 0, 0

 0, 0, 0

 136, 116, 113

 136, 128, 127

 136, 138, 140

■ 136, 81, 72

■ 136, 144, 154

■ 136, 69, 59

■ 136, 151, 167

■ 136, 58, 45

■ 136, 157, 181

■ 136, 45, 31

■ 136, 164, 195

■ 136, 33, 18

■ 136, 170, 208

■ 136, 21, 4

■ 136, 176, 222

■ 136, 18, 0

■ 136, 183, 235

Harmonies

Analogous

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



135, 115, 120



136, 116, 113



133, 122, 108

Triad

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



136, 116, 113



110, 122, 124



113, 119, 135

Complementary

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



136, 116, 113



113, 124, 136

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.



105, 116, 133



136, 116, 113



104, 116, 125

Square

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



136, 116, 113



107, 122, 111



102, 114, 127



122, 118, 133

Rectangle

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



136, 116, 113



124, 129, 106



102, 114, 127



110, 118, 135

Sweetspot

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



136, 116, 113



176, 168, 167



136, 113, 134



89, 85, 84



217, 217, 217



89, 89, 89

Same Dimension

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



136, 116, 113



176, 146, 141



128, 136, 113



69, 63, 62



133, 17, 0



5, 1, 0

Inverse Universe

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



113, 124, 136



141, 157, 176



113, 119, 136



62, 65, 69



0, 62, 133



0, 3, 5

Previews

White Background



This preview shows how the RYB color 136, 116, 113 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 136, 116, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

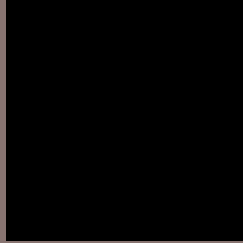
Any Text WCAG AA ✓ Pass

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](#).

RYB 136, 116, 113 Background



This preview shows how black text looks on a background with the RYB color 136, 116, 113.



This preview shows how white text looks on a background with the RYB color 136, 116, 113.

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

[136](#), [116](#), [113](#)

Protanopia

[122](#), [124](#), [115](#)

Deuteranopia

[135](#), [116](#), [113](#)



Tritanopia
137, 114, 123

Trichromacy



Original Color

136, 116, 113

Protanomaly

128, 120, 114

Deuteranomaly

135, 116, 113

Tritanomaly

137, 115, 119

Monochromacy



Original Color

136, 116, 113

Achromatopsia

121, 121, 121

Achromatomaly

126, 119, 118

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 116, 113 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(136, 116, 113) looks like.

```
.text, #text, p{  
    color:rgb(136, 116, 113)  
}
```

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(136, 116, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 116, 113) }
```

Border

The CSS property to change the border of an element to RYB 136, 116, 113 is called "border". The border property can be set on classes, ids or directly on the HTML element.

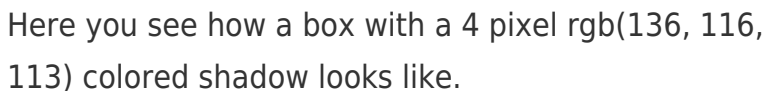
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 116, 113) }
```

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

```
.border{ border-color:rgb(136, 116, 113) }
```

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



Here you see how a box with a 4 pixel `rgb(136, 116, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 116, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 116, 113);  
box-shadow:4px 4px 4px 4px rgb(136, 116,  
113) }
```

Background

The CSS property to change the background color of an element to RYB 136, 116, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 116, 113) }
```

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

```
.background{ background-color: rgb(136,  
116, 113) }
```

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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