

Converting Colors

`RYB(175, 106, 131)`

Have a look what the booklet for
RYB(175, 106, 131) contains.

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Color

R_YB(175, 106, 131)

Conversions

Conversions Part 1

Format	Color
Hex	AF6A83
RGB	175, 106, 131
RGB Percent	69%, 42%, 51%
CMY	0.3137, 0.5843, 0.4863
CMYK	0.00, 0.39, 0.25, 0.31
HSL	338°, 30%, 55%
HSV	338°, 39%, 69%
XYZ	26.9300, 21.0607, 24.1185
YIQ	129.4810, 33.0990, 22.4030

Conversions

Conversions Part 2

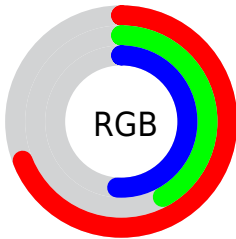
Format	Color
R_{YB}	175, 106, 131
Decimal	11496067
CIE Lab	53.02, 30.92, -2.02
CIE LCh	53, 30.983, 356.264
Yxy	21.0607, 0.3735, 0.2921
Android (android.graphics.Color)	4289686147 (0xFFAF6A83)
YUV	129.4810, 0.7489, 39.9202
Hunter-Lab	45.8920, 24.4350, 0.9646

Details

The RYB color **175, 106, 131** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **106, 148, 175**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **232, 158, 184**, and **121, 57, 82** is the 20% darker color. If you saturate the color by 10%, you get **175, 89, 120**, and if you desaturate by 10%, it is **175, 124, 142**.

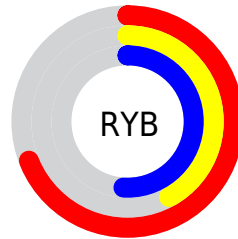
Distribution



Red (69%)

Green (42%)

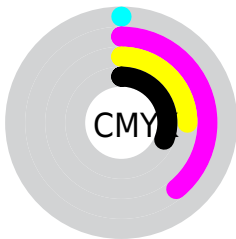
Blue (51%)



Red (69%)

Yellow (42%)

Blue (51%)

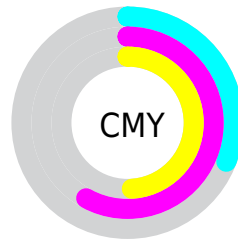


Cyan (0%)

Magenta (39%)

Yellow (25%)

Black (31%)



Cyan (31%)

Magenta (58%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 106, 131 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 175, 106, 131 by changing the saturation by 10% instead.

 175, 106, 131

255, 255, 255

 232, 158, 184


 255, 186, 212

 255, 214, 240

 255, 242, 255

 175, 106, 131

 147, 81, 106

 121, 57, 82

 95, 33, 59

 69, 7, 37

 46, 0, 16

 2, 0, 0

 0, 0, 0

 175, 106, 131

 175, 89, 120

 175, 106, 131

 175, 124, 142

■ 175, 71, 109

■ 175, 141, 153

■ 175, 54, 98

■ 175, 159, 164

■ 175, 36, 86

■ 175, 176, 176

■ 175, 19, 75

■ 175, 187, 194

■ 175, 1, 64

■ 175, 197, 211

■ 175, 0, 63

■ 175, 208, 229

■ 175, 218, 246

■ 175, 222, 255

Harmonies

Analogous

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



157, 111, 157



175, 106, 131



178, 107, 104

Triad

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



175, 106, 131



78, 132, 90



30, 91, 170

Complementary

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



175, 106, 131



106, 148, 175

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.



3, 74, 149



175, 106, 131



89, 132, 138

Square

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



175, 106, 131



106, 147, 73



52, 102, 141



81, 114, 179

Rectangle

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



175, 106, 131



172, 121, 89



52, 102, 141



10, 80, 164

Sweetspot

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



175, 106, 131



227, 200, 210



150, 106, 175



115, 99, 105



242, 242, 242



115, 115, 115

Same Dimension

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



175, 106, 131



227, 120, 159



175, 116, 106



87, 78, 81



150, 0, 55



23, 0, 8

Inverse Universe

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



175, 106, 131



227, 120, 159



106, 138, 175



87, 78, 81



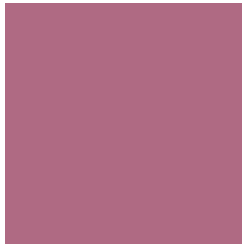
150, 0, 55



23, 0, 8

Previews

White Background



This preview shows how the RYB color 175, 106, 131 looks on a white background.

Color Contrast Check

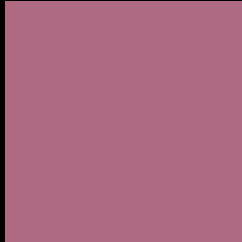
Large Text (above 18pt) WCAG AA ✓ Pass

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 175, 106, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

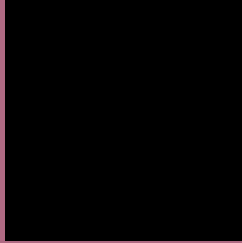
Any Text WCAG AA ✓ Pass

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 175, 106, 131 Background



This preview shows how black text looks on a background with the RYB color 175, 106, 131.



This preview shows how white text looks on a background with the RYB color 175, 106, 131.

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
175, 106, 131

Protanopia
124, 126, 143

Deuteranopia
139, 123, 128



Tritanopia
174, 109, 117

Trichromacy



Original Color

175, 106, 131

Protanomaly

143, 119, 139

Deuteranomaly

152, 117, 129

Tritanomaly

174, 108, 122

Monochromacy



Original Color

175, 106, 131

Achromatopsia

129, 129, 129

Achromatomaly

146, 121, 130

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 106, 131 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(175, 106, 131)` looks like.

```
.text, #text, p{  
    color:rgb(175, 106, 131)  
}
```

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(175, 106, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 106, 131) }
```

Border

The CSS property to change the border of an element to RYB 175, 106, 131 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(175, 106, 131) }
```

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

```
.border{ border-color:rgb(175, 106, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 106, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 106, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 106, 131);  
box-shadow:4px 4px 4px 4px rgb(175, 106,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 175, 106, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 106, 131) }
```

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

```
.background{ background-color: rgb(175,  
106, 131) }
```

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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