

Converting Colors

`RYB(156, 95, 106)`

Have a look what the booklet for
RYB(156, 95, 106) contains.

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Color

`RYB(156, 95, 106)`

Conversions

Conversions Part 1

Format	Color
Hex	9C5F6A
RGB	156, 95, 106
RGB Percent	61%, 37%, 42%
CMY	0.3882, 0.6275, 0.5843
CMYK	0.00, 0.39, 0.32, 0.39
HSL	349°, 24%, 49%
HSV	349°, 39%, 61%
XYZ	20.4040, 16.2929, 15.7051
YIQ	114.4930, 32.8250, 16.3530

Conversions

Conversions Part 2

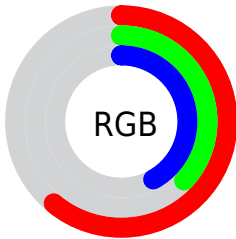
Format	Color
R_{YB}	156, 95, 106
Decimal	10248042
CIE _{Lab}	47.36, 26.30, 4.35
CIE _{LCh}	47, 26.653, 9.389
Yxy	16.2929, 0.3894, 0.3109
Android (android.graphics.Color)	4288438122 (0xFF9C5F6A)
YUV	114.4930, -4.1870, 36.4016
Hunter-Lab	40.3645, 19.5928, 5.1865

Details

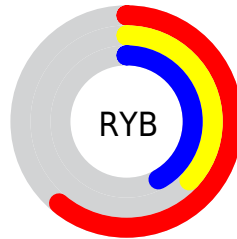
The RYB color **156, 95, 106** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **95, 129, 156**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **212, 146, 157**, and **103, 47, 59** is the 20% darker color. If you saturate the color by 10%, you get **156, 79, 93**, and if you desaturate by 10%, it is **156, 111, 119**.

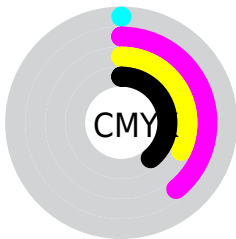
Distribution



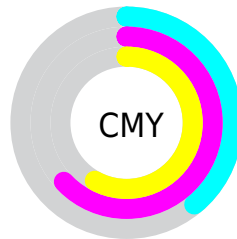
- Red (61%)
- Green (37%)
- Blue (42%)



- Red (61%)
- Yellow (37%)
- Blue (42%)



- Cyan (0%)
- Magenta (39%)
- Yellow (32%)
- Black (39%)




- Cyan (39%)
- Magenta (63%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 156, 95, 106 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 156, 95, 106 by changing the saturation by 10% instead.

 156, 95, 106


 156, 95, 106

255, 255, 255

 129, 71, 82

 212, 146, 157

 103, 47, 59

 241, 173, 184

 77, 24, 37

 255, 201, 212

 53, 1, 16

 255, 229, 240

 28, 0, 1

 0, 0, 0

 156, 95, 106

 156, 95, 106

 156, 79, 93

 156, 111, 119

 156, 64, 80

 156, 126, 132

■ 156, 48, 68

■ 156, 142, 144

■ 156, 33, 55

■ 156, 157, 157

■ 156, 17, 42

■ 156, 165, 173

■ 156, 1, 29

■ 156, 174, 189

■ 156, 0, 28

■ 156, 182, 204

■ 156, 191, 220

■ 156, 199, 235

Harmonies

Analogous

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



146, 97, 129



156, 95, 106



153, 101, 85

Triad

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



156, 95, 106



77, 119, 100



54, 93, 154

Complementary

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



156, 95, 106



95, 129, 156

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.



25, 78, 140



156, 95, 106



68, 104, 123

Square

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



156, 95, 106



76, 120, 68



39, 83, 124



92, 107, 156

Rectangle

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



156, 95, 106



146, 123, 74



39, 83, 124



42, 88, 150

Sweetspot

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



156, 95, 106



204, 180, 184



145, 95, 156



102, 88, 90



230, 230, 230



102, 102, 102

Same Dimension

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



156, 95, 106



204, 108, 125



156, 123, 95



79, 71, 73



143, 0, 26



15, 0, 3

Inverse Universe

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



156, 95, 106



204, 108, 125



95, 120, 156



79, 71, 73



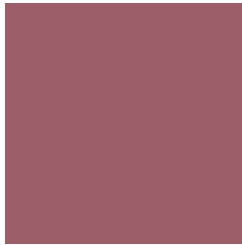
143, 0, 26



15, 0, 3

Previews

White Background



This preview shows how the RYB color 156, 95, 106 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 156, 95, 106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

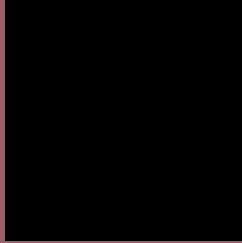
Any Text WCAG AA × Fail

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 156, 95, 106 Background



This preview shows how black text looks on a background with the RYB color 156, 95, 106.



This preview shows how white text looks on a background with the RYB color 156, 95, 106.

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
156, 95, 106

Protanopia
114, 112, 116

Deuteranopia
127, 110, 104



Tritanopia
156, 96, 103

Trichromacy



Original Color

156, 95, 106

Protanomaly

129, 106, 112

Deuteranomaly

138, 104, 105

Tritanomaly

156, 96, 104

Monochromacy



Original Color

156, 95, 106

Achromatopsia

114, 114, 114

Achromatomaly

129, 107, 111

CSS Examples

Text

The CSS property to change the color of the text to RYB 156, 95, 106 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(156, 95, 106) looks like.

```
.text, #text, p{  
    color:rgb(156, 95, 106)  
}
```

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(156, 95, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 95, 106) }
```

Border

The CSS property to change the border of an element to RYB 156, 95, 106 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(156, 95, 106) }
```

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

```
.border{ border-color:rgb(156, 95, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 95, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 95, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 95, 106); box-shadow:4px 4px 4px 4px rgb(156, 95, 106) }
```

Background

The CSS property to change the background color of an element to RGB 156, 95, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 95, 106) }
```

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

```
.background{ background-color: rgb(156, 95,  
106) }
```

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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