

Converting Colors

`RYB(98, 106, 102)`

Have a look what the booklet for
RYB(98, 106, 102) contains.

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Color

R_YB(98, 106, 102)

Conversions

Conversions Part 1

Format	Color
Hex	666A62
RGB	102, 106, 98
RGB Percent	40%, 42%, 38%
CMY	0.6000, 0.5843, 0.6157
CMYK	0.04, 0.00, 0.08, 0.58
HSL	90°, 4%, 40%
HSV	90°, 8%, 42%
XYZ	12.8381, 14.0147, 13.5837
YIQ	103.8920, 0.1840, -3.3360

Conversions

Conversions Part 2

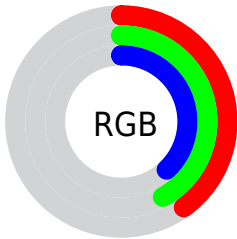
Format	Color
R_{YB}	98, 106, 102
Decimal	6711906
CIE Lab	44.25, -3.17, 3.95
CIE LCh	44, 5.068, 128.772
Yxy	14.0147, 0.3175, 0.3466
Android (android.graphics.Color)	4284901986 (0xFF666A62)
YUV	103.8920, -2.9048, -1.6593
Hunter-Lab	37.4362, -4.2997, 4.6919

Details

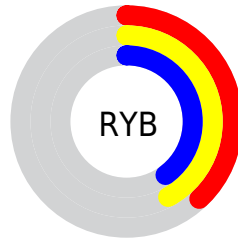
The RYB color **98, 106, 102** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **102, 98, 106**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **149, 157, 153**, and **52, 59, 56** is the 20% darker color. If you saturate the color by 10%, you get **87, 106, 96**, and if you desaturate by 10%, it is **107, 106, 109**.

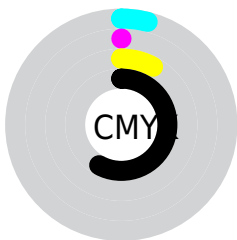
Distribution



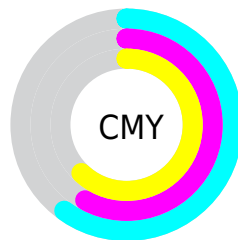
- Red (40%)
- Green (42%)
- Blue (38%)



- Red (38%)
- Yellow (42%)
- Blue (40%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (58%)



- Cyan (60%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the RYB color 98, 106, 102 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 98, 106, 102 by changing the saturation by 10% instead.



98, 106, 102



98, 106, 102

255, 255, 255



74, 82, 78



149, 157, 153



52, 59, 56



175, 184, 179



31, 37, 34



203, 212, 208



6, 16, 10



231, 240, 236



0, 0, 0



98, 106, 102



98, 106, 102



87, 106, 96



107, 106, 109



77, 106, 92



113, 106, 119



66, 106, 86



118, 106, 130

■ 56, 106, 81

■ 123, 106, 140

■ 45, 106, 75

■ 129, 106, 151

■ 34, 106, 70

■ 134, 106, 162

■ 24, 106, 65

■ 139, 106, 172

■ 13, 106, 59

■ 144, 106, 183

■ 3, 106, 55

■ 150, 106, 193

Harmonies

Analogous

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



98, 107, 96



98, 106, 102



98, 105, 107

Triad

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



98, 106, 102



97, 103, 112



114, 102, 103

Complementary

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



98, 106, 102



102, 98, 106

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.



111, 102, 108



98, 106, 102



102, 104, 113

Square

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



98, 106, 102



95, 102, 110



107, 103, 111



114, 102, 100

Rectangle

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



98, 106, 102



95, 102, 107



107, 103, 111



113, 102, 105

Sweetspot

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



98, 106, 102



135, 138, 137



106, 106, 98



67, 69, 68



196, 196, 196



69, 69, 69

Same Dimension

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



98, 106, 102



125, 138, 131



98, 106, 106



48, 54, 51



0, 117, 58



0, 245, 123

Inverse Universe

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



102, 98, 106



132, 125, 138



106, 98, 106



51, 48, 54



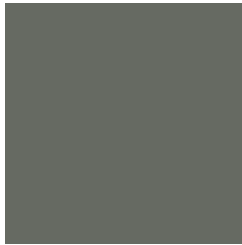
59, 0, 117



122, 0, 245

Previews

White Background



This preview shows how the RYB color 98, 106, 102 looks on a white background.

Color Contrast Check

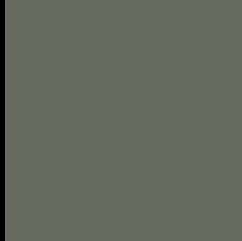
Large Text (above 18pt) WCAG AA ✓ Pass

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 98, 106, 102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

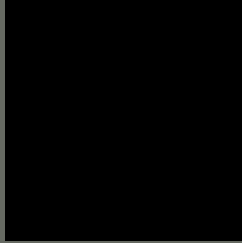
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

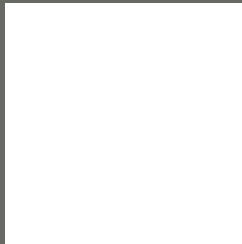
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 98, 106, 102 Background



This preview shows how black text looks on a background with the RYB color 98, 106, 102.



This preview shows how white text looks on a background with the RYB color 98, 106, 102.

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


[98](#), [106](#), [102](#)

Protanopia

[103](#), [108](#), [97](#)

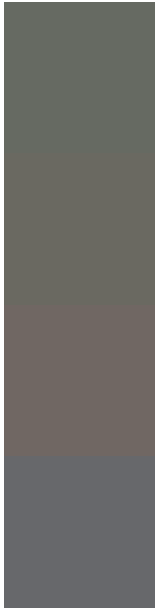
Deuteranopia

[117](#), [101](#), [99](#)



Tritanopia
104, 104, 112

Trichromacy



Original Color

98, 106, 102

Protanomaly

98, 106, 97

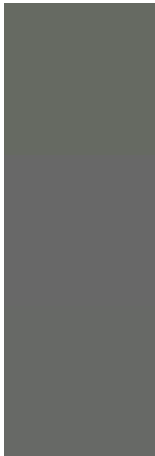
Deuteranomaly

112, 105, 99

Tritanomaly

103, 104, 107

Monochromacy



Original Color

98, 106, 102

Achromatopsia

104, 104, 104

Achromatomaly

102, 105, 104

CSS Examples

Text

The CSS property to change the color of the text to RYB 98, 106, 102 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(102, 106, 98) looks like.

```
.text, #text, p{  
    color:rgb(102, 106, 98)  
}
```

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(102, 106, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 106, 98) }
```

Border

The CSS property to change the border of an element to RYB 98, 106, 102 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(102, 106, 98) }
```

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

```
.border{ border-color:rgb(102, 106, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 106, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 106, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 106, 98);  
box-shadow:4px 4px 4px 4px rgb(102, 106,  
98) }
```

Background

The CSS property to change the background color of an element to RYB 98, 106, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 106, 98) }
```

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

```
.background{ background-color: rgb(102,  
106, 98) }
```

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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