

Converting Colors

`RYB(106, 94, 112)`

Have a look what the booklet for
RYB(106, 94, 112) contains.

RYB(106, 94, 112)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(106, 94, 112)$

Conversions

Conversions Part 1

Format	Color
Hex	6A5E70
RGB	106, 94, 112
RGB Percent	42%, 37%, 44%
CMY	0.5843, 0.6314, 0.5608
CMYK	0.05, 0.16, 0.00, 0.56
HSL	280°, 9%, 40%
HSV	280°, 16%, 44%
XYZ	12.8712, 12.2394, 17.0133
YIQ	99.6400, 1.3740, 8.1420

Conversions

Conversions Part 2

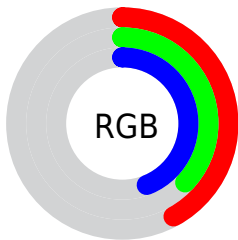
Format	Color
R_{YB}	106, 94, 112
Decimal	6970992
CIE _{Lab}	41.59, 8.51, -8.42
CIE _{LCh}	42, 11.974, 315.301
Yxy	12.2394, 0.3056, 0.2906
Android (android.graphics.Color)	4285161072 (0xFF6A5E70)
YUV	99.6400, 6.0935, 5.5777
Hunter-Lab	34.9849, 4.4478, -4.3435

Details

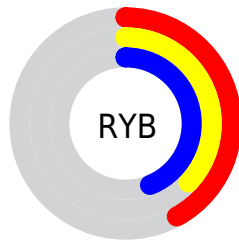
The RYB color **106, 94, 112** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **94, 112, 106**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **157, 144, 164**, and **59, 48, 64** is the 20% darker color. If you saturate the color by 10%, you get **102, 83, 112**, and if you desaturate by 10%, it is **110, 105, 112**.

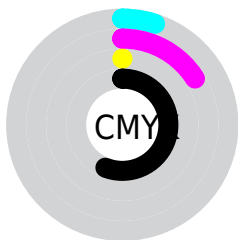
Distribution



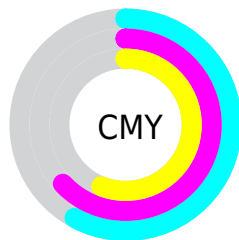
- Red (42%)
- Green (37%)
- Blue (44%)



- Red (42%)
- Yellow (37%)
- Blue (44%)



- Cyan (5%)
- Magenta (16%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (63%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 106, 94, 112 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 106, 94, 112 by changing the saturation by 10% instead.



106, 94, 112



106, 94, 112

255, 255, 255



82, 70, 88



157, 144, 164



59, 48, 64



184, 171, 191



37, 27, 42



212, 198, 219



17, 0, 22



240, 226, 247



0, 0, 0



106, 94, 112



106, 94, 112



102, 83, 112



110, 105, 112



99, 72, 112



112, 116, 115



95, 60, 112



112, 128, 123

■ 91, 49, 112

■ 112, 139, 130

■ 87, 38, 112

■ 112, 150, 137

■ 84, 27, 112

■ 112, 161, 145

■ 80, 16, 112

■ 112, 172, 152

■ 76, 4, 112

■ 112, 184, 160

■ 75, 0, 112

■ 112, 195, 167

Harmonies

Analogous

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



94, 97, 117



106, 94, 112



115, 92, 103

Triad

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



106, 94, 112



105, 110, 79



72, 88, 104

Complementary

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



106, 94, 112



94, 112, 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.



79, 94, 103



106, 94, 112



80, 100, 79

Square

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



106, 94, 112



117, 96, 85



84, 102, 97



73, 90, 112

Rectangle

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



106, 94, 112



118, 91, 97



84, 102, 97



74, 90, 104

Sweetspot

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



106, 94, 112



143, 138, 145



94, 99, 112



72, 70, 74



201, 201, 201



74, 74, 74

Same Dimension

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



106, 94, 112



136, 118, 145



112, 94, 109



54, 50, 56



80, 0, 120



165, 0, 247

Inverse Universe

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



112, 94, 100



145, 118, 127



94, 109, 112



56, 50, 52



120, 0, 40



247, 0, 82

Previews

White Background



This preview shows how the RYB color 106, 94, 112 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 106, 94, 112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

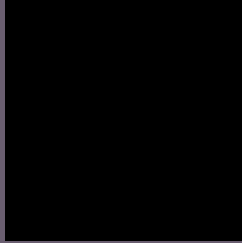
Any Text WCAG AA × Fail

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 106, 94, 112 Background



This preview shows how black text looks on a background with the R Y B color 106, 94, 112.



This preview shows how white text looks on a background with the R Y B color 106, 94, 112.

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

106, 94, 112

Protanopia

95, 97, 114

Deuteranopia

101, 96, 112



Tritanopia
105, 96, 103

Trichromacy



Original Color

106, 94, 112

Protanomaly

99, 96, 113

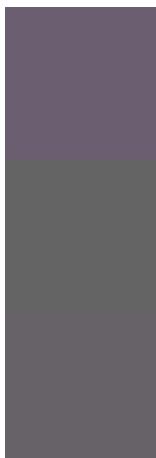
Deuteranomaly

103, 95, 112

Tritanomaly

105, 95, 106

Monochromacy



Original Color

106, 94, 112

Achromatopsia

100, 100, 100

Achromatomaly

102, 98, 104

CSS Examples

Text

The CSS property to change the color of the text to RYB 106, 94, 112 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(106, 94, 112) looks like.

```
.text, #text, p{  
    color:rgb(106, 94, 112)  
}
```

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(106, 94, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 94, 112) }
```

Border

The CSS property to change the border of an element to RYB 106, 94, 112 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(106, 94, 112) }
```

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

```
.border{ border-color:rgb(106, 94, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 94, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 94, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 94, 112);  
box-shadow:4px 4px 4px 4px rgb(106, 94,  
112) }
```

Background

The CSS property to change the background color of an element to RGB 106, 94, 112 is called "background".

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

```
.background, #background, body{  
background: rgb(106, 94, 112) }
```

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

```
.background{ background-color: rgb(106, 94,  
112) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor