

Converting Colors

RYB(94, 105, 96)

Have a look what the booklet for
RYB(94, 105, 96) contains.

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Color

R Y B (9 4 , 1 0 5 , 9 6)

Conversions

Conversions Part 1

Format	Color
Hex	67695E
RGB	103, 105, 94
RGB Percent	40%, 41%, 37%
CMY	0.5961, 0.5882, 0.6314
CMYK	0.02, 0.00, 0.10, 0.59
HSL	71°, 6%, 39%
HSV	71°, 10%, 41%
XYZ	12.6655, 13.7949, 12.5848
YIQ	103.1480, 2.3390, -3.8450

Conversions

Conversions Part 2

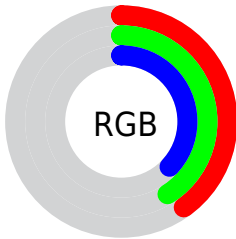
Format	Color
RYB	94, 105, 96
Decimal	6777182
CIELab	43.94, -2.96, 5.92
CIELCh	44, 6.619, 116.605
Yxy	13.7949, 0.3244, 0.3533
Android (android.graphics.Color)	4284967262 (0xFF67695E)
YUV	103.1480, -4.5100, -0.1298
Hunter-Lab	37.1414, -4.1279, 5.9095

Details

The RYB color **94, 105, 96** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **96, 94, 105**, and the grayscale version is **103, 103, 103**.

A 20% lighter version of the original color is **144, 156, 146**, and **48, 58, 50** is the 20% darker color. If you saturate the color by 10%, you get **84, 105, 88**, and if you desaturate by 10%, it is **105, 105, 105**.

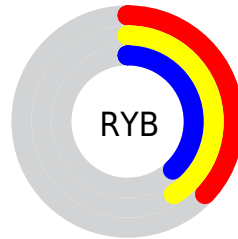
Distribution



Red (40%)

Green (41%)

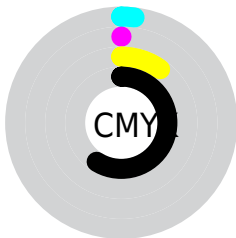
Blue (37%)



Red (37%)

Yellow (41%)

Blue (38%)

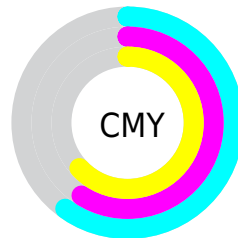


Cyan (2%)

Magenta (0%)

Yellow (10%)

Black (59%)



Cyan (60%)

Magenta (59%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RYB color 94, 105, 96 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 94, 105, 96 by changing the saturation by 10% instead.



94, 105, 96



94, 105, 96

255, 255, 255



70, 81, 72



144, 156, 146



48, 58, 50



171, 183, 173



27, 36, 28



198, 211, 201



0, 15, 2



226, 239, 228



0, 0, 0



94, 105, 96



94, 105, 96



84, 105, 88



105, 105, 105



73, 105, 79



107, 105, 115



63, 105, 71



109, 105, 126

■ 52, 105, 62

■ 111, 105, 136

■ 42, 105, 54

■ 113, 105, 147

■ 31, 105, 44

■ 114, 105, 157

■ 21, 105, 36

■ 116, 105, 168

■ 10, 105, 27

■ 118, 105, 178

■ 0, 105, 19

■ 120, 105, 189

Harmonies

Analogous

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



103, 109, 93



94, 105, 96



97, 105, 106

Triad

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



94, 105, 96



92, 100, 113



115, 100, 105

Complementary

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



94, 105, 96



96, 94, 105

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, 101, 110



94, 105, 96



97, 102, 115

Square

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



94, 105, 96



90, 99, 109



104, 103, 114



116, 100, 99

Rectangle

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



94, 105, 96



93, 102, 107



104, 103, 114



114, 100, 107

Sweetspot

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



94, 105, 96



134, 138, 135



105, 96, 94



66, 69, 67



196, 196, 196



69, 69, 69

Same Dimension

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



94, 105, 96



120, 138, 124



94, 105, 101



48, 54, 49



0, 117, 21



0, 245, 45

Inverse Universe

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



96, 94, 105



123, 120, 138



101, 94, 105



49, 48, 54



21, 0, 117



45, 0, 245

Previews

White Background



This preview shows how the RYB color 94, 105, 96 looks on a white background.

Color Contrast Check

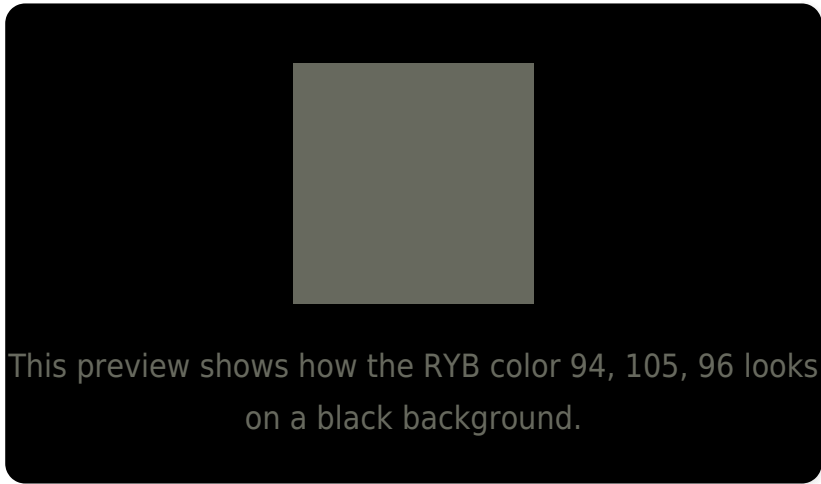
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

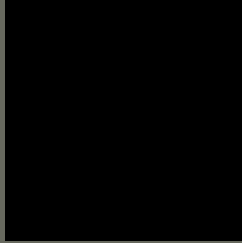
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

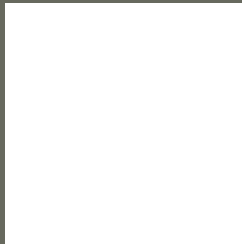
Any Text WCAG AAA × Fail

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

R Y B 94, 105, 96 Background



This preview shows how black text looks on a background with the R Y B color 94, 105, 96.



This preview shows how white text looks on a background with the R Y B color 94, 105, 96.

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


[94](#), [105](#), [96](#)

Protanopia

[101](#), [108](#), [93](#)

Deuteranopia

[117](#), [101](#), [95](#)



Tritanopia
105, 103, 111

Trichromacy



Original Color

94, 105, 96

Protanomaly

95, 106, 93

Deuteranomaly

112, 107, 95

Tritanomaly

104, 104, 105

Monochromacy



Original Color

94, 105, 96

Achromatopsia

103, 103, 103

Achromatomaly

100, 104, 101

CSS Examples

Text

The CSS property to change the color of the text to RYB 94, 105, 96 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(103, 105, 94) looks like.

```
.text, #text, p{  
    color:rgb(103, 105, 94)  
}
```

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(103, 105, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 105, 94) }
```

Border

The CSS property to change the border of an element to RYB 94, 105, 96 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(103, 105, 94) }
```

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

```
.border{ border-color:rgb(103, 105, 94) }
```

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

Here you see how a box with a 4 pixel rgb(103, 105, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 105, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 105, 94);  
box-shadow:4px 4px 4px 4px rgb(103, 105,  
94) }
```

Background

The CSS property to change the background color of an element to RYB 94, 105, 96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 105, 94) }
```

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

```
.background{ background-color: rgb(103,  
105, 94) }
```

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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