

Converting Colors

`RYB(103, 95, 116)`

Have a look what the booklet for
RYB(103, 95, 116) contains.

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Color

R_YB(103, 95, 116)

Conversions

Conversions Part 1

Format	Color
Hex	675F74
RGB	103, 95, 116
RGB Percent	40%, 37%, 45%
CMY	0.5961, 0.6275, 0.5451
CMYK	0.11, 0.18, 0.00, 0.55
HSL	263°, 10%, 41%
HSV	263°, 18%, 45%
XYZ	12.8381, 12.3289, 18.2261
YIQ	99.7860, -1.9730, 8.2270

Conversions

Conversions Part 2

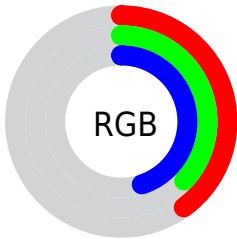
Format	Color
R_{YB}	103, 95, 116
Decimal	6774644
CIE Lab	41.73, 7.69, -10.68
CIE LCh	42, 13.160, 305.741
Yxy	12.3289, 0.2959, 0.2841
Android (android.graphics.Color)	4284964724 (0xFF675F74)
YUV	99.7860, 7.9935, 2.8187
Hunter-Lab	35.1126, 3.8174, -6.1972

Details

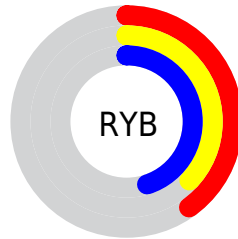
The RYB color **103, 95, 116** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **95, 116, 103**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **154, 145, 168**, and **56, 49, 68** is the 20% darker color. If you saturate the color by 10%, you get **96, 83, 116**, and if you desaturate by 10%, it is **110, 107, 116**.

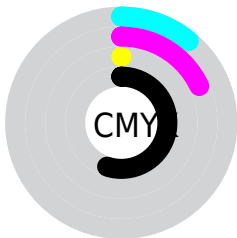
Distribution



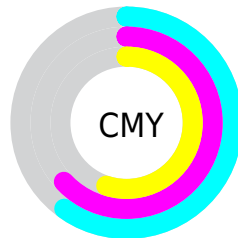
- Red (40%)
- Green (37%)
- Blue (45%)



- Red (40%)
- Yellow (37%)
- Blue (45%)



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)
- Black (55%)



- Cyan (60%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 103, 95, 116 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 103, 95, 116 by changing the saturation by 10% instead.



103, 95, 116



103, 95, 116

255, 255, 255



79, 71, 91



154, 145, 168



56, 49, 68



181, 172, 195



34, 28, 46



209, 199, 223



14, 1, 25



237, 227, 252



0, 0, 0



103, 95, 116



103, 95, 116



96, 83, 116



110, 107, 116



89, 72, 116



116, 118, 117



81, 60, 116



116, 130, 121

■ 74, 49, 116

■ 116, 141, 125

■ 67, 37, 116

■ 116, 153, 130

■ 60, 25, 116

■ 116, 165, 135

■ 53, 14, 116

■ 116, 176, 139

■ 46, 2, 116

■ 116, 188, 144

■ 44, 0, 116

■ 116, 199, 147

Harmonies

Analogous

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



89, 97, 120



103, 95, 116



114, 92, 108

Triad

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



103, 95, 116



115, 108, 79



71, 89, 105

Complementary

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



103, 95, 116



95, 116, 103

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.



81, 98, 104



103, 95, 116



86, 105, 77

Square

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



103, 95, 116



120, 93, 86



81, 102, 90



69, 88, 111

Rectangle

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



103, 95, 116



119, 91, 100



81, 102, 90



74, 92, 105

Sweetspot

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



103, 95, 116



146, 143, 150



95, 103, 116



74, 72, 77



204, 204, 204



77, 77, 77

Same Dimension

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



103, 95, 116



130, 117, 150



113, 95, 116



55, 53, 59



47, 0, 122



95, 0, 250

Inverse Universe

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



116, 95, 108



150, 117, 138



95, 116, 113



59, 53, 56



122, 0, 76



250, 0, 155

Previews

White Background



This preview shows how the RYB color 103, 95, 116 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 103, 95, 116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

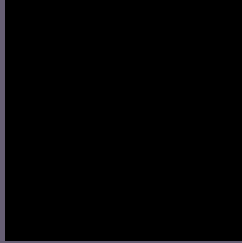
Any Text WCAG AA × Fail

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](#).

RYP 103, 95, 116 Background



This preview shows how black text looks on a background with the RYP color 103, 95, 116.



This preview shows how white text looks on a background with the RYP color 103, 95, 116.

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

[103](#), [95](#), [116](#)

Protanopia

[94](#), [97](#), [118](#)

Deuteranopia

[100](#), [96](#), [116](#)



Tritanopia
101, 97, 105

Trichromacy



Original Color

103, 95, 116

Protanomaly

97, 97, 117

Deuteranomaly

101, 96, 116

Tritanomaly

102, 96, 109

Monochromacy



Original Color

103, 95, 116

Achromatopsia

100, 100, 100

Achromatomaly

101, 98, 106

CSS Examples

Text

The CSS property to change the color of the text to RYB 103, 95, 116 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, 95, 116) looks like.

```
.text, #text, p{  
    color:rgb(103, 95, 116)  
}
```

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, 95, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 95, 116) }
```

Border

The CSS property to change the border of an element to RYB 103, 95, 116 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, 95, 116) }
```

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

```
.border{ border-color:rgb(103, 95, 116) }
```

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

Here you see how a box with a 4 pixel rgb(103, 95, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 95, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 95, 116);  
box-shadow:4px 4px 4px 4px rgb(103, 95,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 103, 95, 116 is called "background".

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

```
.background, #background, body{  
background: rgb(103, 95, 116) }
```

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

```
.background{ background-color: rgb(103, 95,  
116) }
```

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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