

Converting Colors

`RYB(96, 105, 108)`

Have a look what the booklet for
RYB(96, 105, 108) contains.

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Color

R_YB(96, 105, 108)

Conversions

Conversions Part 1

Format	Color
Hex	606C64
RGB	96, 108, 100
RGB Percent	38%, 42%, 39%
CMY	0.6235, 0.5765, 0.6078
CMYK	0.11, 0.00, 0.07, 0.58
HSL	140°, 6%, 40%
HSV	140°, 11%, 42%
XYZ	12.4867, 14.1320, 14.1262
YIQ	103.5000, -4.5840, -5.0320

Conversions

Conversions Part 2

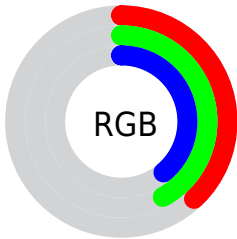
Format	Color
R _{YB}	96, 105, 108
Decimal	6319204
CIE Lab	44.42, -6.26, 2.93
CIE LCh	44, 6.910, 154.934
Yxy	14.1320, 0.3065, 0.3468
Android (android.graphics.Color)	4284509284 (0xFF606C64)
YUV	103.5000, -1.7255, -6.5775
Hunter-Lab	37.5926, -6.4968, 4.0353

Details

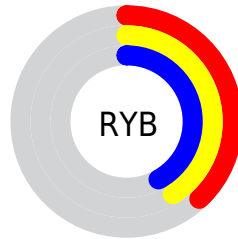
The RYB color **96, 105, 108** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **108, 96, 104**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **147, 156, 159**, and **50, 59, 61** is the 20% darker color. If you saturate the color by 10%, you get **85, 102, 108**, and if you desaturate by 10%, it is **107, 108, 108**.

Distribution



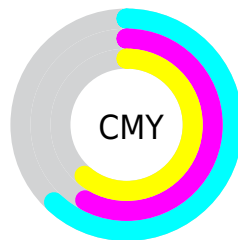
- Red (38%)
- Green (42%)
- Blue (39%)



- Red (38%)
- Yellow (41%)
- Blue (42%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (58%)



- Cyan (62%)
- Magenta (58%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RYB color 96, 105, 108 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 96, 105, 108 by changing the saturation by 10% instead.

■ 96, 105, 108

255, 255, 255

■ 147, 156, 159

■ 173, 183, 186

■ 201, 211, 214

■ 229, 239, 242

■ 96, 105, 108

■ 72, 81, 84

■ 50, 59, 61

■ 29, 37, 39

■ 3, 15, 19

■ 0, 0, 0

■ 96, 105, 108

■ 85, 102, 108

■ 74, 99, 108

■ 64, 97, 108

■ 96, 105, 108

■ 107, 108, 108

■ 118, 108, 114

■ 128, 108, 122

■ 53, 94, 108

■ 139, 108, 129

■ 42, 92, 108

■ 150, 108, 136

■ 31, 89, 108

■ 161, 108, 143

■ 20, 86, 108

■ 172, 108, 150

■ 10, 84, 108

■ 182, 108, 158

■ 0, 81, 108

■ 193, 108, 165

Harmonies

Analogous

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



96, 107, 101



96, 105, 108



92, 101, 109

Triad

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



96, 105, 108



100, 104, 116



117, 103, 99

Complementary

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



96, 105, 108



108, 96, 104

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.



117, 101, 104



96, 105, 108



107, 103, 114

Square

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



96, 105, 108



94, 102, 115



114, 102, 110



114, 109, 95

Rectangle

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



96, 105, 108



91, 100, 110



114, 102, 110



118, 101, 100

Sweetspot

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



96, 105, 108



136, 139, 140



96, 108, 100



69, 71, 71



199, 199, 199



71, 71, 71

Same Dimension

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



96, 105, 108



122, 136, 140



96, 103, 108



48, 53, 54



0, 88, 117



0, 184, 245

Inverse Universe

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



108, 96, 104



140, 122, 134



108, 96, 98



54, 48, 52



117, 0, 78



245, 0, 163

Previews

White Background



This preview shows how the RYB color 96, 105, 108 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 96, 105, 108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

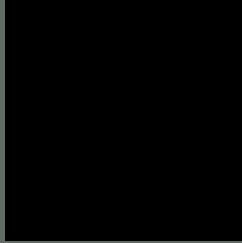
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

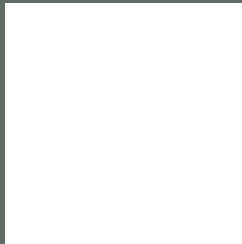
Any Text WCAG AAA × Fail

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

RYB 96, 105, 108 Background



This preview shows how black text looks on a background with the RYB color 96, 105, 108.

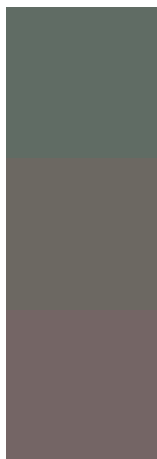


This preview shows how white text looks on a background with the RYB color 96, 105, 108.

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

96, 105, 108

Protanopia

105, 108, 98

Deuteranopia

116, 101, 101



Tritanopia
98, 103, 114

Trichromacy



Original Color

96, 105, 108

Protanomaly

99, 105, 100

Deuteranomaly

109, 106, 101

Tritanomaly

97, 102, 109

Monochromacy



Original Color

96, 105, 108

Achromatopsia

104, 104, 104

Achromatomaly

101, 104, 105

CSS Examples

Text

The CSS property to change the color of the text to RYB 96, 105, 108 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(96, 108, 100)` looks like.

```
.text, #text, p{  
    color:rgb(96, 108, 100)  
}
```

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(96, 108, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 108, 100) }
```

Border

The CSS property to change the border of an element to RYB 96, 105, 108 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(96, 108, 100) }
```

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

```
.border{ border-color:rgb(96, 108, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 108, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 108, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 108, 100);  
box-shadow:4px 4px 4px 4px rgb(96, 108,  
100) }
```

Background

The CSS property to change the background color of an element to RGB 96, 108, 100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 108, 100) }
```

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

```
.background{ background-color: rgb(96, 108,  
100) }
```

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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