

Converting Colors

`RYB(105, 116, 114)`

Have a look what the booklet for
RYB(105, 116, 114) contains.

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Color

R_YB(105, 116, 114)

Conversions

Conversions Part 1

Format	Color
Hex	6B7469
RGB	107, 116, 105
RGB Percent	42%, 45%, 41%
CMY	0.5804, 0.5451, 0.5882
CMYK	0.08, 0.00, 0.09, 0.55
HSL	109°, 5%, 43%
HSV	109°, 9%, 45%
XYZ	14.8586, 16.6365, 15.7926
YIQ	112.0550, -1.8330, -5.3290

Conversions

Conversions Part 2

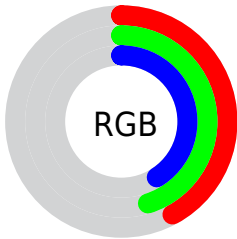
Format	Color
R_{YB}	105, 116, 114
Decimal	7042153
CIE _{Lab}	47.80, -5.64, 4.92
CIE _{LCh}	48, 7.485, 138.949
Yxy	16.6365, 0.3142, 0.3518
Android (android.graphics.Color)	4285232233 (0xFF6B7469)
YUV	112.0550, -3.4781, -4.4332
Hunter-Lab	40.7879, -6.3531, 5.5950

Details

The RYB color **105, 116, 114** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **114, 105, 116**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **156, 168, 166**, and **58, 68, 66** is the 20% darker color. If you saturate the color by 10%, you get **93, 116, 111**, and if you desaturate by 10%, it is **116, 116, 117**.

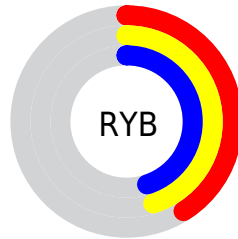
Distribution



Red (42%)

Green (45%)

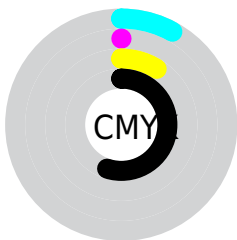
Blue (41%)



Red (41%)

Yellow (45%)

Blue (45%)

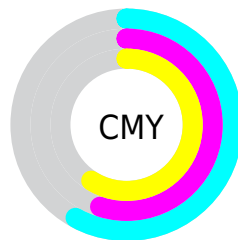


Cyan (8%)

Magenta (0%)

Yellow (9%)

Black (55%)



Cyan (58%)

Magenta (55%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 105, 116, 114 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 105, 116, 114 by changing the saturation by 10% instead.

■ 105, 116, 114

255, 255, 255

■ 156, 168, 166

■ 183, 195, 193

■ 211, 223, 221

■ 239, 252, 250

■ 105, 116, 114

■ 81, 91, 89

■ 58, 68, 66

■ 36, 46, 44

■ 15, 25, 22

■ 0, 0, 0

■ 105, 116, 114

■ 93, 116, 111

■ 82, 116, 110

■ 70, 116, 107

■ 105, 116, 114

■ 116, 116, 117

■ 126, 116, 128

■ 135, 116, 140

■ 59, 116, 106

■ 145, 116, 151

■ 47, 116, 103

■ 154, 116, 163

■ 35, 116, 101

■ 164, 116, 175

■ 24, 116, 99

■ 173, 116, 186

■ 12, 116, 97

■ 183, 116, 198

■ 1, 116, 95

■ 192, 116, 209

Harmonies

Analogous

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



101, 114, 101



105, 116, 114



101, 111, 117

Triad

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



105, 116, 114



104, 111, 126



127, 109, 110

Complementary

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



105, 116, 114



114, 105, 116

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.



125, 109, 116



105, 116, 114



112, 113, 125

Square

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



105, 116, 114



99, 109, 123



119, 111, 122



126, 112, 104

Rectangle

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



105, 116, 114



98, 108, 117



119, 111, 122



127, 109, 112

Sweetspot

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



105, 116, 114



146, 150, 149



107, 116, 105



73, 77, 76



204, 204, 204



77, 77, 77

Same Dimension

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



105, 116, 114



134, 150, 147



105, 114, 116



53, 59, 58



0, 122, 100



0, 250, 205

Inverse Universe

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



114, 105, 116



147, 134, 150



116, 105, 113



58, 53, 59



100, 0, 122



204, 0, 250

Previews

White Background



This preview shows how the RYB color 105, 116, 114 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 105, 116, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

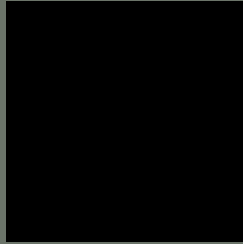
Any Text WCAG AA × Fail

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 105, 116, 114 Background



This preview shows how black text looks on a background with the RYB color 105, 116, 114.

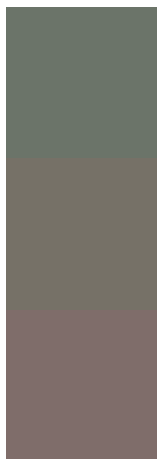


This preview shows how white text looks on a background with the RYB color 105, 116, 114.

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

105, 116, 114

Protanopia

111, 118, 103

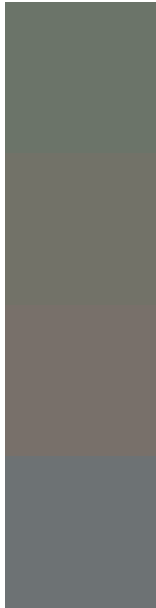
Deuteranopia

127, 110, 106



Tritanopia
110, 112, 122

Trichromacy



Original Color

105, 116, 114

Protanomaly

104, 114, 104

Deuteranomaly

120, 117, 106

Tritanomaly

109, 112, 116

Monochromacy



Original Color

105, 116, 114

Achromatopsia

112, 112, 112

Achromatomaly

109, 113, 112

CSS Examples

Text

The CSS property to change the color of the text to RYB 105, 116, 114 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(107, 116, 105)` looks like.

```
.text, #text, p{  
    color:rgb(107, 116, 105)  
}
```

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(107, 116, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 116, 105) }
```

Border

The CSS property to change the border of an element to RYB 105, 116, 114 is called "border". The border property can be set on classes, ids or directly on the HTML element.

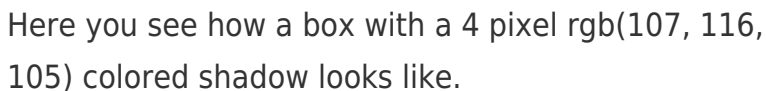
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 116, 105) }
```

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

```
.border{ border-color:rgb(107, 116, 105) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 116, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 116, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 116, 105);  
box-shadow:4px 4px 4px 4px rgb(107, 116,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 105, 116, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 116, 105) }
```

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

```
.background{ background-color: rgb(107,  
116, 105) }
```

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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