Converting Colors

RGB(107, 97, 165)

Have a look what the booklet for RGB(107, 97, 165) contains.

Color

RGB(107, 97, 165)

Conversions

Conversions Part 1

Format	Color
Hex	6B61A5
RGB	107, 97, 165
RGB Percent	42%, 38%, 65%
CMY	0.5804, 0.6196, 0.3529
CMYK	0.35, 0.41, 0.00, 0.35
HSL	249°, 27%, 51%
HSV	249°, 41%, 65%
XYZ	17.1296, 14.3918, 37.4724
YIQ	107.7420, -15.8680, 23.2680

Conversions

Conversions Part 2

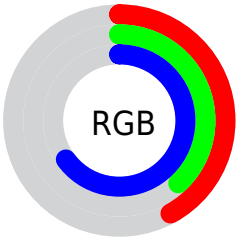
Format	Color
RYB	107, 97, 165
Decimal	7037349
CIELab	44.79, 20.40, -35.35
CIELCh	45, 40.813, 299.994
Yxy	14.3918, 0.2483, 0.2086
Android (android.graphics.Color)	4285227429 (0xFF6B61A5)
YUV	107.7420, 28.2282, -0.6507
Hunter-Lab	37.9365, 14.2099, -32.0090

Details

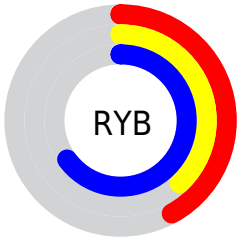
The RGB color 107, 97, 165 is a dark color, and the websafe version is hex 666699. A complement of this color would be 155, 165, 97, and the grayscale version is 107, 107, 107.

A 20% lighter version of the original color is 160, 148, 220, and 56, 51, 113 is the 20% darker color. If you saturate the color by 10%, you get 93, 80, 165, and if you desaturate by 10%, it is 121, 113, 165.

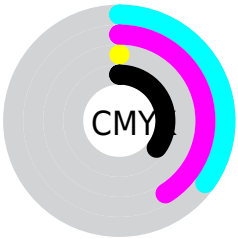
Distribution



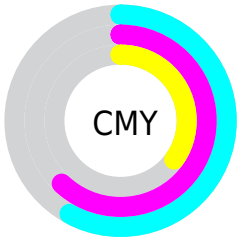
- Red (42%)
- Green (38%)
- Blue (65%)



- Red (42%)
- Yellow (38%)
- Blue (65%)



- Cyan (35%)
- Magenta (41%)
- Yellow (0%)
- Black (35%)



- Cyan (58%)
- Magenta (62%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 97, 165 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 RGB color 107, 97, 165 by changing the saturation by 10% instead.

107, 97, 165	107, 97, 165
255, 255, 255	81, 73, 138
160, 148, 220	56, 51, 113
188, 174, 249	30, 29, 88
216, 202, 255	1, 7, 64
245, 230, 255	0, 3, 41
	0, 1, 19
	0, 0, 0

107, 97, 165	107, 97, 165
93, 80, 165	121, 113, 165

79, 64, 165

65, 47, 165

51, 31, 165

37, 14, 165

24, 0, 165

135, 130, 165

149, 146, 165

163, 163, 165

177, 179, 165

191, 196, 165

206, 212, 165

220, 229, 165

234, 245, 165

Harmonies

Analogous

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

29, 110, 174

107, 97, 165

147, 83, 140

Triad

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

107, 97, 165

151, 92, 47

0, 123, 105

Complementary

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

107, 97, 165

155, 165, 97

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.

44, 120, 70

107, 97, 165

125, 104, 34

Square

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

107, 97, 165

167, 80, 74

91, 114, 44

0, 122, 139

Rectangle

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

107, 97, 165

163, 77, 119

91, 114, 44

0, 122, 93

Sweetspot

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

107, 97, 165

192, 188, 214

97, 156, 165

94, 92, 107

235, 235, 235

107, 107, 107

Same Dimension

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

107, 97, 165

125, 109, 214

140, 97, 165

75, 73, 82

21, 0, 145

3, 0, 18

Inverse Universe

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

165, 97, 155

214, 109, 199

122, 165, 97

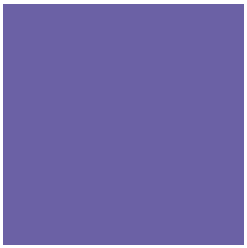
82, 73, 80

145, 0, 124

18, 0, 15

Previews

White Background

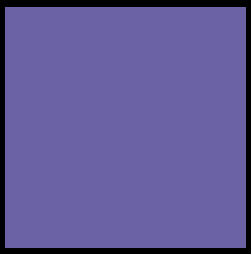


This preview shows how the RGB color 107, 97, 165 looks on a white background.

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



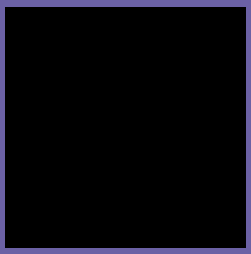
This preview shows how the RGB color 107, 97, 165 looks on a black background.

Color Contrast Check

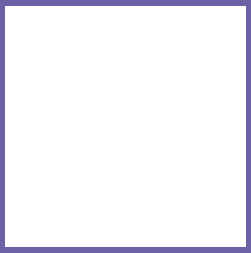
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 107, 97, 165 Background



This preview shows how black text looks on a background with the RGB color 107, 97, 165.

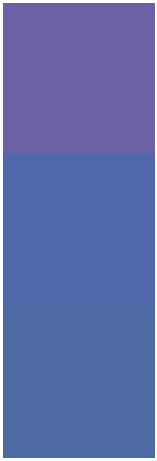


This preview shows how white text looks on a background with the RGB color 107, 97, 165.

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
107, 97, 165

Protanopia
80, 104, 171

Deuteranopia
77, 106, 163

Tritanopia
96, 108, 116

Trichromacy

Original Color
107, 97, 165

Protanomaly
90, 101, 169

Deuteranomaly
88, 103, 164

Tritanomaly
100, 104, 134

Monochromacy

Original Color
107, 97, 165

Achromatopsia
108, 108, 108

Achromatomaly
108, 104, 129

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 97, 165 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, 97, 165) looks like.

```
.text, #text, p{
    color:rgb(107, 97, 165)
}
```

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, 97, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 97, 165) }
```

Border

The CSS property to change the border of an element to RGB 107, 97, 165 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, 97, 165) }
```

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

```
.border{ border-color:rgb(107, 97, 165) }
```

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

Here you see how a box with a 4 pixel rgb(107, 97, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 97, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 97, 165); box-shadow:4px 4px 4px 4px rgb(107, 97, 165) }
```

Background

The CSS property to change the background color of an element to RGB 107, 97, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(107, 97, 165) }
```

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

```
.background{ background-color:rgb(107, 97,
165) }
```

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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