

Converting Colors

`RYB(105, 103, 214)`

Have a look what the booklet for
RYB(105, 103, 214) contains.

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Color

R_YB(105, 103, 214)

Conversions

Conversions Part 1

Format	Color
Hex	6967D6
RGB	105, 103, 214
RGB Percent	41%, 40%, 84%
CMY	0.5882, 0.5961, 0.1608
CMYK	0.51, 0.52, 0.00, 0.16
HSL	241°, 58%, 62%
HSV	241°, 52%, 84%
XYZ	22.8135, 17.5588, 65.8051
YIQ	116.2520, -34.4390, 34.9450

Conversions

Conversions Part 2

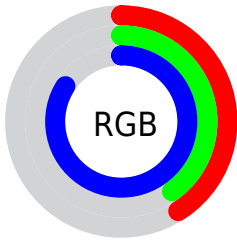
Format	Color
R _Y B	105, 103, 214
Decimal	6907862
CIE Lab	48.96, 30.75, -57.10
CIE LCh	49, 64.853, 298.302
Yxy	17.5588, 0.2149, 0.1654
Android (android.graphics.Color)	4285097942 (0xFF6967D6)
YUV	116.2520, 48.1898, -9.8680
Hunter-Lab	41.9032, 23.8509, -63.7772

Details

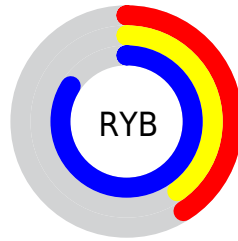
The RYB color **105, 103, 214** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **103, 214, 105**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **163, 154, 255**, and **43, 55, 158** is the 20% darker color. If you saturate the color by 10%, you get **84, 82, 214**, and if you desaturate by 10%, it is **126, 124, 214**.

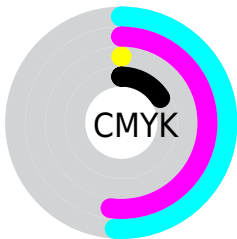
Distribution



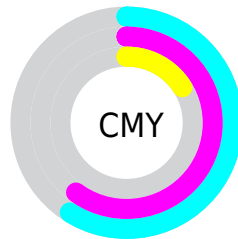
- Red (41%)
- Green (40%)
- Blue (84%)



- Red (41%)
- Yellow (40%)
- Blue (84%)



- Cyan (51%)
- Magenta (52%)
- Yellow (0%)
- Black (16%)




- Cyan (59%)
- Magenta (60%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 105, 103, 214 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, 103, 214 by changing the saturation by 10% instead.

 105, 103, 214

255, 255, 255

 163, 154, 255

 192, 181, 255

 221, 209, 255


 251, 237, 255

 105, 103, 214

 75, 79, 186

 43, 55, 158

 0, 28, 132

 0, 13, 106

 0, 0, 81

 0, 5, 57

 0, 2, 34

 0, 0, 9

 0, 0, 0

■ 105, 103, 214

■ 105, 103, 214

■ 84, 82, 214

■ 126, 124, 214

■ 63, 60, 214

■ 147, 146, 214

■ 42, 39, 214

■ 168, 167, 214

■ 21, 17, 214

■ 189, 189, 214

■ 4, 0, 214

■ 210, 210, 214

■ 214, 231, 214

■ 214, 253, 215

■ 214, 255, 214

Harmonies

Analogous

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



0, 80, 227



105, 103, 214



178, 75, 175

Triad

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



105, 103, 214



184, 155, 12



0, 78, 140

Complementary

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



105, 103, 214



103, 214, 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.



0, 98, 137



105, 103, 214



38, 143, 0

Square

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



105, 103, 214



209, 63, 68



0, 128, 39



0, 76, 167

Rectangle

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



105, 103, 214



203, 58, 140



0, 128, 39



0, 84, 139

Sweetspot

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



105, 103, 214



215, 214, 255



103, 158, 214



104, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



105, 103, 214



100, 97, 255



160, 103, 214



97, 96, 107



3, 0, 171



1, 0, 43

Inverse Universe

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



214, 103, 212



255, 97, 252



103, 214, 160



107, 96, 107



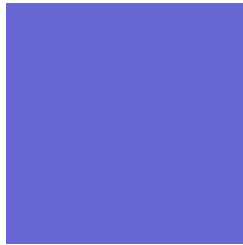
171, 0, 168



43, 0, 43

Previews

White Background



This preview shows how the RYB color 105, 103, 214 looks on a white background.

Color Contrast Check

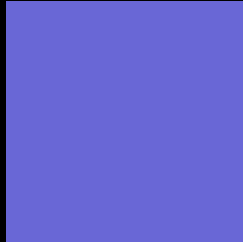
Large Text (above 18pt) WCAG AA ✓ Pass

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, 103, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

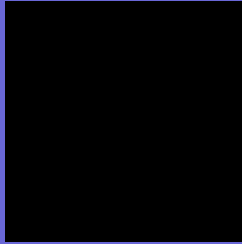
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYP 105, 103, 214 Background



This preview shows how black text looks on a background with the RYP color 105, 103, 214.

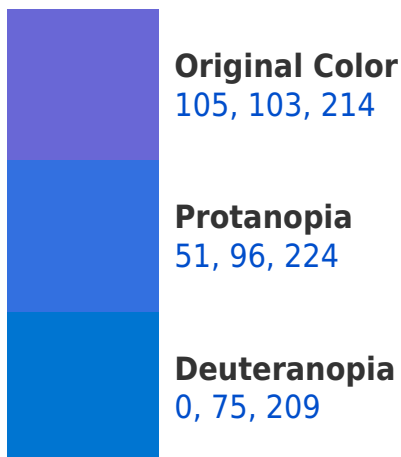


This preview shows how white text looks on a background with the RYP color 105, 103, 214.

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





Tritanopia
79, 103, 133

Trichromacy



Original Color
105, 103, 214

Protanomaly
71, 101, 220

Deuteranomaly
38, 90, 211

Tritanomaly
88, 108, 162

Monochromacy



Original Color
105, 103, 214

Achromatopsia
116, 116, 116

Achromatomaly
112, 111, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 105, 103, 214 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(105, 103, 214)` looks like.

```
.text, #text, p{  
    color:rgb(105, 103, 214)  
}
```

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(105, 103, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 103, 214) }
```

Border

The CSS property to change the border of an element to RYB 105, 103, 214 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(105, 103, 214) }
```

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

```
.border{ border-color:rgb(105, 103, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 103, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 103, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 103, 214);  
box-shadow:4px 4px 4px 4px rgb(105, 103,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 105, 103, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 103, 214) }
```

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

```
.background{ background-color: rgb(105,  
103, 214) }
```

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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