

Converting Colors

`RYB(196, 109, 157)`

Have a look what the booklet for
RYB(196, 109, 157) contains.

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Color

`RYB(196, 109, 157)`

Conversions

Conversions Part 1

Format	Color
Hex	C46D9D
RGB	196, 109, 157
RGB Percent	77%, 43%, 62%
CMY	0.2314, 0.5725, 0.3843
CMYK	0.00, 0.44, 0.20, 0.23
HSL	327°, 42%, 60%
HSV	327°, 44%, 77%
XYZ	34.3194, 25.1074, 34.9357
YIQ	140.4850, 36.4440, 33.3720

Conversions

Conversions Part 2

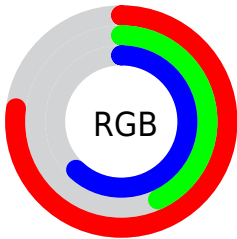
Format	Color
RYB	196, 109, 157
Decimal	12873117
CIELab	57.18, 40.61, -10.75
CIELCh	57, 42.012, 345.178
Yxy	25.1074, 0.3637, 0.2661
Android (android.graphics.Color)	4291063197 (0xFFC46D9D)
YUV	140.4850, 8.1419, 48.6867
Hunter-Lab	50.1072, 34.5703, -6.2630

Details

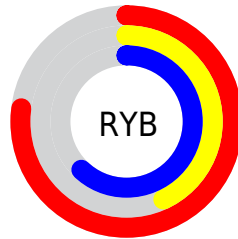
The RYB color **196, 109, 157** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **109, 169, 196**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **254, 162, 212**, and **140, 58, 106** is the 20% darker color. If you saturate the color by 10%, you get **196, 89, 148**, and if you desaturate by 10%, it is **196, 129, 166**.

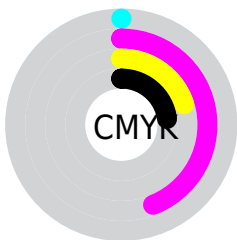
Distribution



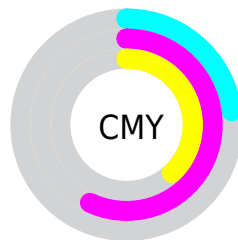
- Red (77%)
- Green (43%)
- Blue (62%)



- Red (77%)
- Yellow (43%)
- Blue (62%)



- Cyan (0%)
- Magenta (44%)
- Yellow (20%)
- Black (23%)



- Cyan (23%)
- Magenta (57%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the RYB color 196, 109, 157 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 196, 109, 157 by changing the saturation by 10% instead.

 196, 109, 157

255, 255, 255

 254, 162, 212


 255, 190, 240

 255, 218, 255

 255, 247, 255

 196, 109, 157

 168, 83, 131

 140, 58, 106

 113, 32, 82

 87, 0, 58


 61, 0, 37

 39, 0, 15


 0, 0, 0

 196, 109, 157


 196, 89, 148

 196, 109, 157


 196, 129, 166

 196, 70, 139

 196, 148, 175

 196, 50, 131

 196, 168, 183

 196, 31, 122

 196, 187, 192

 196, 11, 113

 196, 204, 207

 196, 0, 108

 196, 217, 227

 196, 230, 246

 196, 235, 255

 196, 231, 255

Harmonies

Analogous

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



164, 120, 189



196, 109, 157



207, 107, 120

Triad

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



196, 109, 157



64, 141, 64



0, 84, 188

Complementary

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



196, 109, 157



109, 169, 196

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, 78, 156



196, 109, 157



84, 150, 134

Square

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



196, 109, 157



144, 175, 65



40, 109, 155



0, 86, 208

Rectangle

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



196, 109, 157



203, 114, 97



40, 109, 155



0, 83, 178

Sweetspot

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



196, 109, 157



255, 222, 240



147, 109, 196



128, 107, 118



0, 0, 0



128, 128, 128

Same Dimension

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



196, 109, 157



255, 120, 194



196, 109, 115



97, 87, 93



161, 0, 89



33, 0, 18

Inverse Universe

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



196, 109, 157



255, 120, 194



109, 154, 196



97, 87, 93



161, 0, 89



33, 0, 18

Previews

White Background



This preview shows how the RYB color 196, 109, 157 looks on a white background.

Color Contrast Check

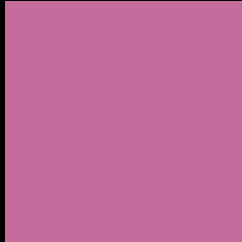
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 196, 109, 157 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](#).

RYB 196, 109, 157 Background



This preview shows how black text looks on a background with the RYB color 196, 109, 157.

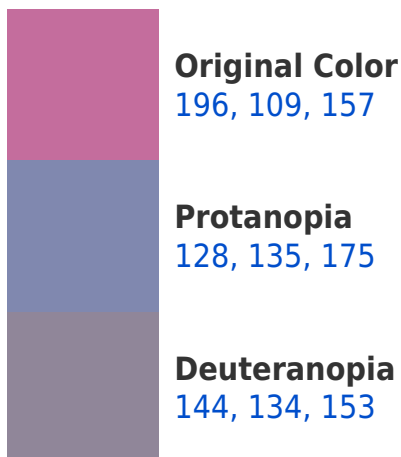



This preview shows how white text looks on a background with the RYB color 196, 109, 157.

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
193, 115, 124

Trichromacy



Original Color
196, 109, 157

Protanomaly
153, 126, 168

Deuteranomaly
163, 125, 154

Tritanomaly
194, 113, 136

Monochromacy



Original Color
196, 109, 157

Achromatopsia
140, 140, 140

Achromatomaly
160, 129, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 109, 157 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(196, 109, 157)` looks like.

```
.text, #text, p{  
    color:rgb(196, 109, 157)  
}
```

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(196, 109, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 109, 157) }
```

Border

The CSS property to change the border of an element to RYB 196, 109, 157 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(196, 109, 157) }
```

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

```
.border{ border-color:rgb(196, 109, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 109, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 109, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 109, 157);  
box-shadow:4px 4px 4px 4px rgb(196, 109,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 196, 109, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 109, 157) }
```

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

```
.background{ background-color: rgb(196,  
109, 157) }
```

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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