

Converting Colors

`RYB(207, 99, 125)`

Have a look what the booklet for
RYB(207, 99, 125) contains.

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Color

R_YB(207, 99, 125)

Conversions

Conversions Part 1

Format	Color
Hex	CF637D
RGB	207, 99, 125
RGB Percent	81%, 39%, 49%
CMY	0.1882, 0.6118, 0.5098
CMYK	0.00, 0.52, 0.40, 0.19
HSL	346°, 53%, 60%
HSV	346°, 52%, 81%
XYZ	33.8956, 23.6697, 22.1843
YIQ	134.2560, 56.0220, 30.9820

Conversions

Conversions Part 2

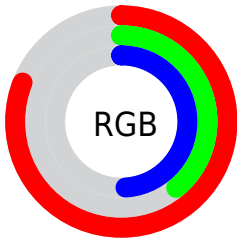
Format	Color
R_{YB}	207, 99, 125
Decimal	13591421
CIE _{Lab}	55.76, 45.28, 6.03
CIE _{LCh}	56, 45.681, 7.586
Yxy	23.6697, 0.4250, 0.2968
Android (android.graphics.Color)	4291781501 (0xFFCF637D)
YUV	134.2560, -4.5632, 63.7965
Hunter-Lab	48.6516, 39.2211, 7.0209

Details

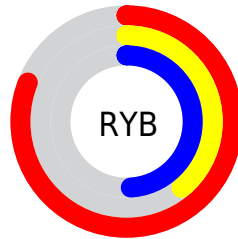
The RYB color **207, 99, 125** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **99, 160, 207**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **255, 153, 177**, and **149, 46, 76** is the 20% darker color. If you saturate the color by 10%, you get **207, 78, 109**, and if you desaturate by 10%, it is **207, 120, 141**.

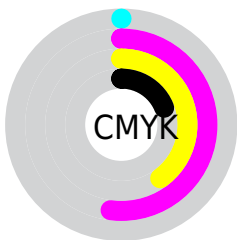
Distribution



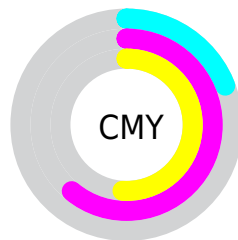
- Red (81%)
- Green (39%)
- Blue (49%)



- Red (81%)
- Yellow (39%)
- Blue (49%)



- Cyan (0%)
- Magenta (52%)
- Yellow (40%)
- Black (19%)


















- Cyan (19%)
- Magenta (61%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 99, 125 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 207, 99, 125 by changing the saturation by 10% instead.


 207, 99, 125	 207, 99, 125
 255, 255, 255	 178, 73, 100
 255, 153, 177	 149, 46, 76
 255, 180, 205	 121, 15, 54
 255, 209, 233	 93, 0, 33
 255, 238, 255	 66, 0, 9
	 40, 0, 1
	 0, 0, 0

 207, 99, 125	 207, 99, 125
 207, 78, 109	 207, 120, 141


 207, 58, 94

 207, 140, 156

 207, 37, 78

 207, 161, 172

 207, 16, 62

 207, 182, 188

 207, 0, 50

 207, 203, 204

 207, 216, 223

 207, 228, 244

 207, 232, 255

 207, 231, 255

Harmonies

Analogous

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



190, 105, 165



207, 99, 125



202, 110, 87

Triad

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



207, 99, 125



68, 145, 108



0, 85, 206

Complementary

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



207, 99, 125



99, 160, 207

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, 83, 181



207, 99, 125



43, 113, 151

Square

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



207, 99, 125



65, 147, 51



0, 79, 153



80, 118, 212

Rectangle

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



207, 99, 125



189, 149, 67



0, 79, 153



0, 85, 200

Sweetspot

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



207, 99, 125



255, 214, 224



180, 99, 207



128, 103, 109



0, 0, 0



128, 128, 128

Same Dimension

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



207, 99, 125



255, 94, 133



207, 135, 99



105, 94, 97



168, 0, 41



41, 0, 10

Inverse Universe

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



207, 99, 125



255, 94, 133



99, 145, 207



105, 94, 97



168, 0, 41



41, 0, 10

Previews

White Background



This preview shows how the RYB color 207, 99, 125 looks on a white background.

Color Contrast Check

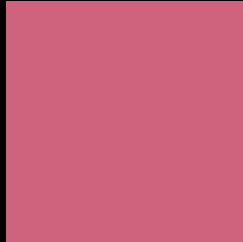
Large Text (above 18pt) WCAG AA ✓ Pass

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 207, 99, 125 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 207, 99, 125 Background



This preview shows how black text looks on a background with the RYB color 207, 99, 125.

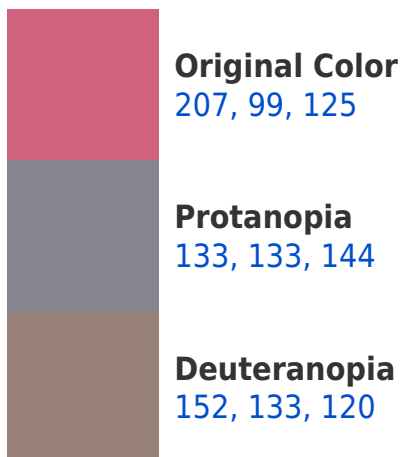



This preview shows how white text looks on a background with the RYB color 207, 99, 125.

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
206, 102, 109

Trichromacy



Original Color

207, 99, 125

Protanomaly

160, 121, 137

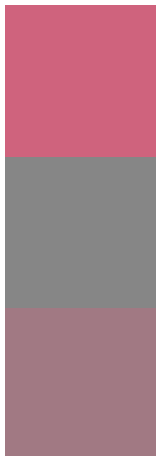
Deuteranomaly

172, 118, 122

Tritanomaly

206, 101, 115

Monochromacy



Original Color

207, 99, 125

Achromatopsia

134, 134, 134

Achromatomaly

161, 121, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 99, 125 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(207, 99, 125)` looks like.

```
.text, #text, p{  
    color:rgb(207, 99, 125)  
}
```

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(207, 99, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 99, 125) }
```

Border

The CSS property to change the border of an element to RYB 207, 99, 125 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(207, 99, 125) }
```

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

```
.border{ border-color:rgb(207, 99, 125) }
```

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

Here you see how a box with a 4 pixel rgb(207, 99, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 99, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 99, 125);  
box-shadow:4px 4px 4px 4px rgb(207, 99,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 207, 99, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 99, 125) }
```

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

```
.background{ background-color: rgb(207, 99,  
125) }
```

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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