

Converting Colors

`RYB(207, 116, 125)`

Have a look what the booklet for
RYB(207, 116, 125) contains.

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Color

R_YB(207, 116, 125)

Conversions

Conversions Part 1

Format	Color
Hex	CF747D
RGB	207, 116, 125
RGB Percent	81%, 45%, 49%
CMY	0.1882, 0.5451, 0.5098
CMYK	0.00, 0.44, 0.40, 0.19
HSL	354°, 49%, 63%
HSV	354°, 44%, 81%
XYZ	35.6792, 27.2368, 22.7788
YIQ	144.2350, 51.3470, 22.0910

Conversions

Conversions Part 2

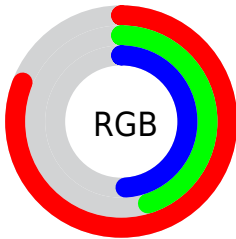
Format	Color
R_{YB}	207, 116, 125
Decimal	13595773
CIE _{Lab}	59.19, 36.58, 10.91
CIE _{LCh}	59, 38.172, 16.615
Yxy	27.2368, 0.4164, 0.3178
Android (android.graphics.Color)	4291785853 (0xFFCF747D)
YUV	144.2350, -9.4829, 55.0449
Hunter-Lab	52.1889, 30.7017, 10.6541

Details

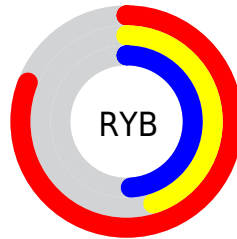
The RYB color **207, 116, 125** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **116, 164, 207**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **255, 170, 178**, and **150, 65, 76** is the 20% darker color. If you saturate the color by 10%, you get **207, 95, 106**, and if you desaturate by 10%, it is **207, 137, 144**.

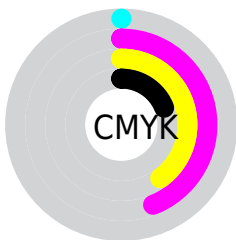
Distribution



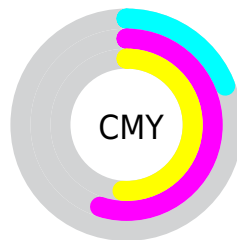
- Red (81%)
- Green (45%)
- Blue (49%)



- Red (81%)
- Yellow (45%)
- Blue (49%)



- Cyan (0%)
- Magenta (44%)
- Yellow (40%)
- Black (19%)



- Cyan (19%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 116, 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, 116, 125 by changing the saturation by 10% instead.

 207, 116, 125

255, 255, 255

 255, 170, 178

 255, 197, 205


 255, 226, 233

 207, 116, 125

 178, 90, 100

 150, 65, 76

 122, 40, 54

 94, 13, 33


 68, 0, 9


 45, 0, 1

 0, 0, 0

 207, 116, 125

 207, 95, 106


 207, 116, 125

 207, 137, 144


 207, 75, 88

 207, 157, 162

 207, 54, 69

 207, 178, 181

 207, 33, 50

 207, 199, 200

 207, 13, 32

 207, 214, 220

 207, 0, 20

 207, 224, 240

 207, 231, 255

Harmonies

Analogous

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



198, 117, 159



207, 116, 125



199, 135, 95

Triad

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



207, 116, 125



95, 154, 142



55, 113, 207

Complementary

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



207, 116, 125



116, 164, 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, 86, 190



207, 116, 125



59, 119, 159

Square

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



207, 116, 125



77, 146, 78



0, 80, 161



122, 136, 207

Rectangle

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



207, 116, 125



185, 177, 81



0, 80, 161



15, 95, 203

Sweetspot

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



207, 116, 125



255, 222, 225



198, 116, 207



128, 107, 109



0, 0, 0



128, 128, 128

Same Dimension

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



207, 116, 125



255, 120, 133



207, 176, 116



105, 94, 95



168, 0, 17



41, 0, 4

Inverse Universe

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



207, 116, 125



255, 120, 133



116, 150, 207



105, 94, 95



168, 0, 17



41, 0, 4

Previews

White Background



This preview shows how the RYB color 207, 116, 125 looks on a white background.

Color Contrast Check

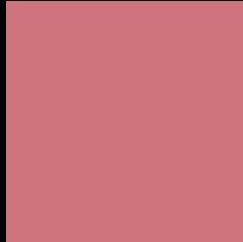
Large Text (above 18pt) WCAG AA ✓ Pass

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, 116, 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, 116, 125 Background



This preview shows how black text looks on a background with the RYB color 207, 116, 125.




This preview shows how white text looks on a background with the RYB color 207, 116, 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
207, 116, 125

Trichromacy



Original Color
207, 116, 125

Protanomaly
168, 133, 134

Deuteranomaly
180, 131, 122

Tritanomaly
207, 116, 125

Monochromacy



Original Color
207, 116, 125

Achromatopsia
144, 144, 144

Achromatomaly
167, 134, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 116, 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, 116, 125) looks like.

```
.text, #text, p{  
    color:rgb(207, 116, 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, 116, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 116, 125) }
```

Border

The CSS property to change the border of an element to RYB 207, 116, 125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

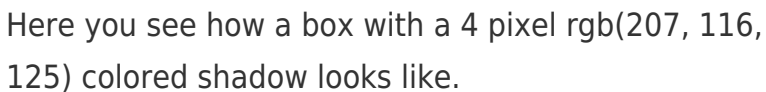
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 116, 125) }
```

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

```
.border{ border-color:rgb(207, 116, 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, 116, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 116, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 116, 125);  
box-shadow:4px 4px 4px 4px rgb(207, 116,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 207, 116, 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, 116, 125) }
```

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

```
.background{ background-color: rgb(207,  
116, 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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