

Converting Colors

`RYB(212, 107, 109)`

Have a look what the booklet for
RYB(212, 107, 109) contains.

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Color

`RYB(212, 107, 109)`

Conversions

Conversions Part 1

Format	Color
Hex	D46B6D
RGB	212, 107, 109
RGB Percent	83%, 42%, 43%
CMY	0.1686, 0.5804, 0.5725
CMYK	0.00, 0.50, 0.49, 0.17
HSL	359°, 55%, 63%
HSV	359°, 50%, 83%
XYZ	35.1694, 25.6166, 17.5589
YIQ	138.6230, 61.9380, 22.8820

Conversions

Conversions Part 2

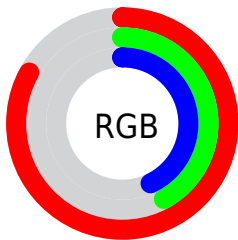
Format	Color
R_{YB}	212, 107, 109
Decimal	13921133
CIE Lab	57.67, 41.41, 18.16
CIE LCh	58, 45.217, 23.676
Yxy	25.6166, 0.4489, 0.3270
Android (android.graphics.Color)	4292111213 (0xFFD46B6D)
YUV	138.6230, -14.6041, 64.3516
Hunter-Lab	50.6128, 35.4621, 14.8598

Details

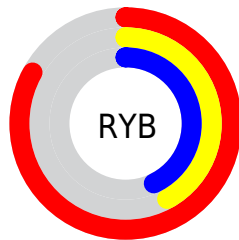
The RYB color **212, 107, 109** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **107, 160, 212**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **255, 161, 160**, and **153, 55, 62** is the 20% darker color. If you saturate the color by 10%, you get **212, 86, 88**, and if you desaturate by 10%, it is **212, 128, 130**.

Distribution



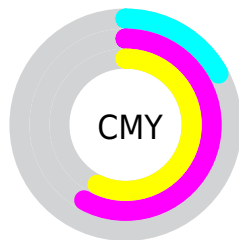
- Red (83%)
- Green (42%)
- Blue (43%)



- Red (83%)
- Yellow (42%)
- Blue (43%)



- Cyan (0%)
- Magenta (50%)
- Yellow (49%)
- Black (17%)



- Cyan (17%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 107, 109 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 212, 107, 109 by changing the saturation by 10% instead.

 212, 107, 109

255, 255, 255

 255, 161, 160

 255, 188, 187

 255, 217, 215

 255, 246, 244

 212, 107, 109

 182, 81, 85

 153, 55, 62


 125, 28, 40

 96, 0, 20

 69, 0, 0

 44, 0, 1

 0, 0, 0

 212, 107, 109

 212, 86, 88


 212, 107, 109

 212, 128, 130

 212, 65, 67

 212, 149, 151

 212, 43, 47

 212, 171, 171

 212, 22, 26

 212, 192, 192

 212, 1, 5

 212, 213, 213

 212, 0, 4

 212, 223, 234

 212, 234, 255

Harmonies

Analogous

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



207, 105, 149



212, 107, 109



198, 142, 76

Triad

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



212, 107, 109



82, 147, 154



31, 102, 217

Complementary

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



212, 107, 109



107, 160, 212

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, 87, 201



212, 107, 109



0, 87, 158

Square

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



212, 107, 109



63, 146, 79



0, 82, 169



128, 131, 211

Rectangle

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



212, 107, 109



150, 180, 61



0, 82, 169



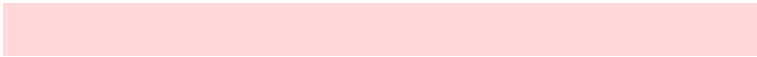
0, 88, 214

Sweetspot

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



212, 107, 109



255, 217, 217



209, 107, 212



128, 105, 105



0, 0, 0



128, 128, 128

Same Dimension

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



212, 107, 109



255, 105, 107



212, 199, 107



107, 96, 97



171, 0, 3



43, 0, 1

Inverse Universe

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



212, 107, 109



255, 105, 107



107, 144, 212



107, 96, 97



171, 0, 3



43, 0, 1

Previews

White Background



This preview shows how the RYB color 212, 107, 109 looks on a white background.

Color Contrast Check

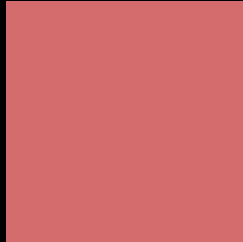
Large Text (above 18pt) WCAG AA ✓ Pass

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 212, 107, 109 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 212, 107, 109 Background



This preview shows how black text looks on a background with the RYB color 212, 107, 109.

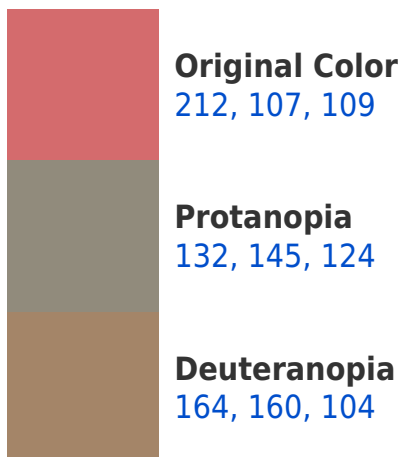


This preview shows how white text looks on a background with the RYB color 212, 107, 109.

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
212, 106, 114

Trichromacy



Original Color

212, 107, 109

Protanomaly

169, 129, 119

Deuteranomaly

181, 130, 106

Tritanomaly

212, 106, 112

Monochromacy



Original Color

212, 107, 109

Achromatopsia

139, 139, 139

Achromatomaly

166, 127, 128

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 107, 109 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(212, 107, 109)` looks like.

```
.text, #text, p{  
    color:rgb(212, 107, 109)  
}
```

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(212, 107, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 107, 109) }
```

Border

The CSS property to change the border of an element to RYB 212, 107, 109 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(212, 107, 109) }
```

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

```
.border{ border-color:rgb(212, 107, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 107, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 107, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 107, 109);  
box-shadow:4px 4px 4px 4px rgb(212, 107,  
109) }
```

Background

The CSS property to change the background color of an element to RGB 212, 107, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 107, 109) }
```

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

```
.background{ background-color: rgb(212,  
107, 109) }
```

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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