

Converting Colors

`RYB(217, 109, 140)`

Have a look what the booklet for
RYB(217, 109, 140) contains.

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Color

R_YB(217, 109, 140)

Conversions

Conversions Part 1

Format	Color
Hex	D96D8C
RGB	217, 109, 140
RGB Percent	85%, 43%, 55%
CMY	0.1490, 0.5725, 0.4510
CMYK	0.00, 0.50, 0.35, 0.15
HSL	343°, 59%, 64%
HSV	343°, 50%, 85%
XYZ	38.8175, 27.5824, 28.0890
YIQ	144.8260, 54.4170, 32.5370

Conversions

Conversions Part 2

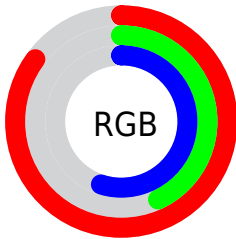
Format	Color
R _Y B	217, 109, 140
Decimal	14249356
CIE Lab	59.51, 45.49, 2.87
CIE LCh	60, 45.583, 3.612
Yxy	27.5824, 0.4108, 0.2919
Android (android.graphics.Color)	4292439436 (0xFFD96D8C)
YUV	144.8260, -2.3792, 63.2966
Hunter-Lab	52.5190, 40.0237, 5.0529

Details

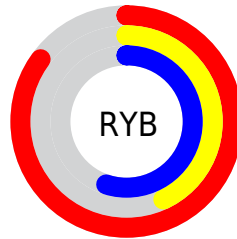
The RYB color **217, 109, 140** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **109, 172, 217**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **255, 163, 193**, and **159, 56, 90** is the 20% darker color. If you saturate the color by 10%, you get **217, 87, 125**, and if you desaturate by 10%, it is **217, 131, 155**.

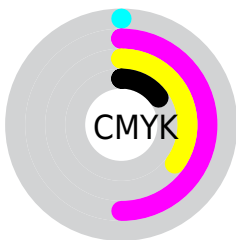
Distribution



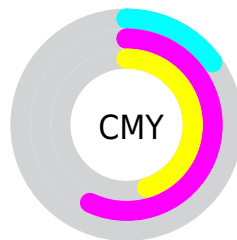
- Red (85%)
- Green (43%)
- Blue (55%)



- Red (85%)
- Yellow (43%)
- Blue (55%)



- Cyan (0%)
- Magenta (50%)
- Yellow (35%)
- Black (15%)




- Cyan (15%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 109, 140 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 217, 109, 140 by changing the saturation by 10% instead.

 217, 109, 140

 217, 109, 140

255, 255, 255

 188, 83, 115

 255, 163, 193

 159, 56, 90

 255, 191, 221

 131, 28, 67

 255, 220, 250

 103, 0, 45

 255, 249, 255

 76, 0, 24

 52, 0, 2

 1, 0, 0

 0, 0, 0

 217, 109, 140

 217, 109, 140

 217, 87, 125

 217, 131, 155

 217, 66, 109

 217, 152, 171

 217, 44, 94

 217, 174, 186

 217, 22, 78

 217, 196, 202

 217, 0, 63

 217, 218, 218

 217, 0, 62

 217, 230, 239

 217, 238, 255

 217, 236, 255

Harmonies

Analogous

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



197, 116, 180



217, 109, 140



215, 117, 101

Triad

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



217, 109, 140



74, 154, 107



0, 91, 214

Complementary

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



217, 109, 140



109, 172, 217

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, 186



217, 109, 140



66, 133, 161

Square

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



217, 109, 140



83, 162, 60



0, 86, 164



80, 125, 223

Rectangle

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



217, 109, 140



203, 146, 80



0, 86, 164



0, 90, 207

Sweetspot

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



217, 109, 140



255, 217, 228



185, 109, 217



128, 105, 111



0, 0, 0



128, 128, 128

Same Dimension

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



217, 109, 140



255, 102, 146



217, 137, 109



110, 99, 102



173, 0, 50



46, 0, 13

Inverse Universe

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



217, 109, 140



255, 102, 146



109, 157, 217



110, 99, 102



173, 0, 50



46, 0, 13

Previews

White Background



This preview shows how the RYB color 217, 109, 140 looks on a white background.

Color Contrast Check

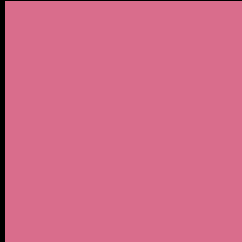
Large Text (above 18pt) WCAG AA ✓ Pass

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 217, 109, 140 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 217, 109, 140 Background



This preview shows how black text looks on a background with the RYB color 217, 109, 140.



This preview shows how white text looks on a background with the RYB color 217, 109, 140.

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



Original Color
217, 109, 140

Protanopia
142, 143, 160

Deuteranopia
161, 140, 135



Tritanopia
215, 113, 121

Trichromacy



Original Color

217, 109, 140

Protanomaly

169, 131, 153

Deuteranomaly

181, 128, 137

Tritanomaly

216, 112, 128

Monochromacy



Original Color

217, 109, 140

Achromatopsia

145, 145, 145

Achromatomaly

171, 132, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 109, 140 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(217, 109, 140)` looks like.

```
.text, #text, p{  
    color:rgb(217, 109, 140)  
}
```

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(217, 109, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 109, 140) }
```

Border

The CSS property to change the border of an element to RYB 217, 109, 140 is called "border". The border property can be set on classes, ids or directly on the HTML element.

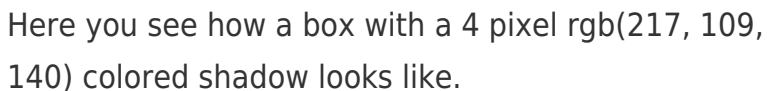
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 109, 140) }
```

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

```
.border{ border-color:rgb(217, 109, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 109, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 109, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 109, 140); box-shadow:4px 4px 4px 4px rgb(217, 109, 140) }
```

Background

The CSS property to change the background color of an element to RGB 217, 109, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 109, 140) }
```

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

```
.background{ background-color: rgb(217,  
109, 140) }
```

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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