

Converting Colors

`RYB(194, 109, 129)`

Have a look what the booklet for
RYB(194, 109, 129) contains.

RYB(194, 109, 129)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(194, 109, 129)

Conversions

Conversions Part 1

Format	Color
Hex	C26D81
RGB	194, 109, 129
RGB Percent	76%, 43%, 51%
CMY	0.2392, 0.5725, 0.4941
CMYK	0.00, 0.44, 0.34, 0.24
HSL	346°, 41%, 59%
HSV	346°, 44%, 76%
XYZ	31.6792, 23.9916, 23.7300
YIQ	136.6950, 44.2400, 24.2400

Conversions

Conversions Part 2

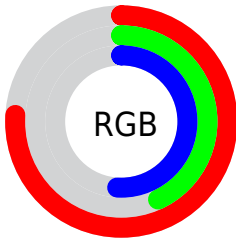
Format	Color
RYB	194, 109, 129
Decimal	12742017
CIELab	56.08, 35.98, 3.92
CIElCh	56, 36.195, 6.212
Yxy	23.9916, 0.3990, 0.3022
Android (android.graphics.Color)	4290932097 (0xFFC26D81)
YUV	136.6950, -3.7936, 50.2565
Hunter-Lab	48.9812, 29.7300, 5.5625

Details

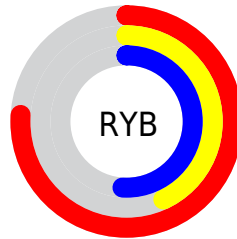
The RYB color **194, 109, 129** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **109, 157, 194**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **253, 162, 182**, and **138, 59, 80** is the 20% darker color. If you saturate the color by 10%, you get **194, 90, 114**, and if you desaturate by 10%, it is **194, 128, 144**.

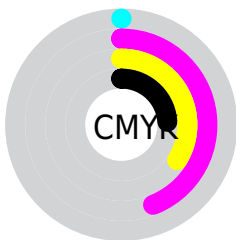
Distribution



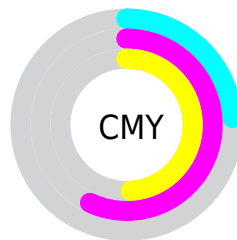
- Red (76%)
- Green (43%)
- Blue (51%)



- Red (76%)
- Yellow (43%)
- Blue (51%)



- Cyan (0%)
- Magenta (44%)
- Yellow (34%)
- Black (24%)



- Cyan (24%)
- Magenta (57%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 109, 129 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 194, 109, 129 by changing the saturation by 10% instead.

 194, 109, 129

255, 255, 255

 253, 162, 182

 255, 190, 209


 255, 218, 238

 255, 247, 255

 194, 109, 129

 166, 84, 104

 138, 59, 80


 111, 34, 57

 84, 5, 36

 58, 0, 14


 33, 0, 1

 0, 0, 0

 194, 109, 129

 194, 90, 114

 194, 109, 129

 194, 128, 144

 194, 70, 99

 194, 148, 159

 194, 51, 84

 194, 167, 174

 194, 31, 70

 194, 187, 188

 194, 12, 55

 194, 201, 206

 194, 0, 46

 194, 211, 225

 194, 223, 245

 194, 226, 255

 194, 225, 255

Harmonies

Analogous

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



179, 113, 160



194, 109, 129



192, 117, 99

Triad

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



194, 109, 129



82, 143, 111



18, 91, 191

Complementary

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



194, 109, 129



109, 157, 194

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, 80, 171



194, 109, 129



74, 126, 149

Square

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



194, 109, 129



87, 148, 71



0, 78, 151



97, 125, 197

Rectangle

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



194, 109, 129



182, 142, 83



0, 78, 151



0, 82, 186

Sweetspot

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



194, 109, 129



252, 220, 227



173, 109, 194



128, 107, 112



0, 0, 0



128, 128, 128

Same Dimension

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



194, 109, 129



252, 119, 150



194, 137, 109



97, 87, 89



161, 0, 38



33, 0, 8

Inverse Universe

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



194, 109, 129



252, 119, 150



109, 146, 194



97, 87, 89



161, 0, 38



33, 0, 8

Previews

White Background



This preview shows how the RYB color 194, 109, 129 looks on a white background.

Color Contrast Check

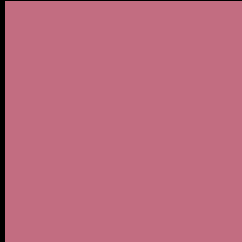
Large Text (above 18pt) WCAG AA ✓ Pass

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 194, 109, 129 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 194, 109, 129 Background



This preview shows how black text looks on a background with the RYB color 194, 109, 129.



This preview shows how white text looks on a background with the RYB color 194, 109, 129.

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
194, 109, 129

Protanopia
135, 134, 143

Deuteranopia
151, 131, 125



Tritanopia
193, 111, 119

Trichromacy



Original Color
194, 109, 129

Protanomaly
156, 125, 138

Deuteranomaly
167, 122, 126

Tritanomaly
193, 110, 123

Monochromacy



Original Color
194, 109, 129

Achromatopsia
137, 137, 137

Achromatomaly
158, 127, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 109, 129 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(194, 109, 129)` looks like.

```
.text, #text, p{  
    color:rgb(194, 109, 129)  
}
```

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(194, 109, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 109, 129) }
```

Border

The CSS property to change the border of an element to RYB 194, 109, 129 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(194, 109, 129) }
```

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

```
.border{ border-color:rgb(194, 109, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 109, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 109, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 109, 129);  
box-shadow:4px 4px 4px 4px rgb(194, 109,  
129) }
```

Background

The CSS property to change the background color of an element to RYB 194, 109, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 109, 129) }
```

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

```
.background{ background-color: rgb(194,  
109, 129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor