

Converting Colors

`RYB(214, 3, 172)`

Have a look what the booklet for
RYB(214, 3, 172) contains.

RYB(214, 3, 172)	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

`RYB(214, 3, 172)`

Conversions

Conversions Part 1

Format	Color
Hex	D603AC
RGB	214, 3, 172
RGB Percent	84%, 1%, 67%
CMY	0.1608, 0.9882, 0.3255
CMYK	0.00, 0.99, 0.20, 0.16
HSL	312°, 97%, 43%
HSV	312°, 99%, 84%
XYZ	35.2105, 17.3398, 40.5208
YIQ	85.3550, 71.5070, 97.2910

Conversions

Conversions Part 2

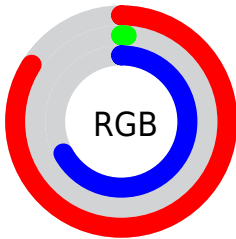
Format	Color
RYB	214, 3, 172
Decimal	14025644
CIELab	48.69, 80.28, -32.33
CIELCh	49, 86.549, 338.064
Yxy	17.3398, 0.3783, 0.1863
Android (android.graphics.Color)	4292215724 (0xFFD603AC)
YUV	85.3550, 42.7160, 112.8217
Hunter-Lab	41.6411, 78.0624, -28.5461

Details

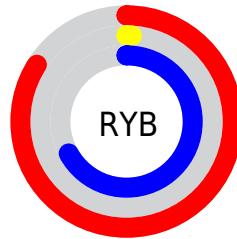
The RYB color **214, 3, 172** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **3, 179, 214**, and the grayscale version is **85, 85, 85**.

A 20% lighter version of the original color is **255, 94, 228**, and **154, 0, 119** is the 20% darker color. If you saturate the color by 10%, you get **214, 0, 171**, and if you desaturate by 10%, it is **214, 24, 176**.

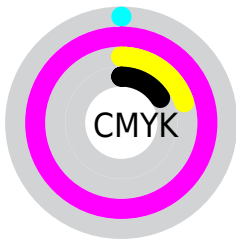
Distribution



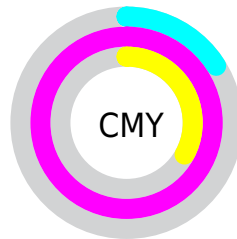
- Red (84%)
- Green (1%)
- Blue (67%)



- Red (84%)
- Yellow (1%)
- Blue (67%)



- Cyan (0%)
- Magenta (99%)
- Yellow (20%)
- Black (16%)



- Cyan (16%)
- Magenta (99%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 3, 172 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 214, 3, 172 by changing the saturation by 10% instead.



214, 3, 172



214, 3, 172

255, 255, 255



184, 0, 145



255, 94, 228



154, 0, 119



255, 125, 255



125, 0, 94



255, 155, 255



96, 0, 70



255, 185, 255



69, 0, 47



255, 215, 255



39, 0, 25



255, 245, 255



0, 0, 0



214, 3, 172



214, 3, 172



214, 0, 171



214, 24, 176

■ 214, 46, 181

■ 214, 67, 185

■ 214, 89, 189

■ 214, 110, 193

■ 214, 131, 198

■ 214, 153, 202

■ 214, 174, 206

■ 214, 196, 210

Harmonies

Analogous

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



135, 84, 233



214, 3, 172



239, 0, 100

Triad

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



214, 3, 172



5, 124, 0



0, 85, 205

Complementary

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



214, 3, 172



3, 179, 214

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, 75, 145



214, 3, 172



0, 135, 109

Square

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



214, 3, 172



183, 181, 0



0, 102, 142



0, 89, 253

Rectangle

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



214, 3, 172



233, 0, 52



0, 102, 142



0, 81, 183

Sweetspot

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



214, 3, 172



255, 179, 240



42, 3, 214



128, 82, 118



0, 0, 0



128, 128, 128

Same Dimension

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



214, 3, 172



255, 0, 204



214, 3, 70



107, 96, 105



171, 0, 137



43, 0, 35

Inverse Universe

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



214, 3, 172



255, 0, 204



3, 128, 214



107, 96, 105



171, 0, 137



43, 0, 35

Previews

White Background



This preview shows how the RYB color 214, 3, 172 looks on a white background.

Color Contrast Check

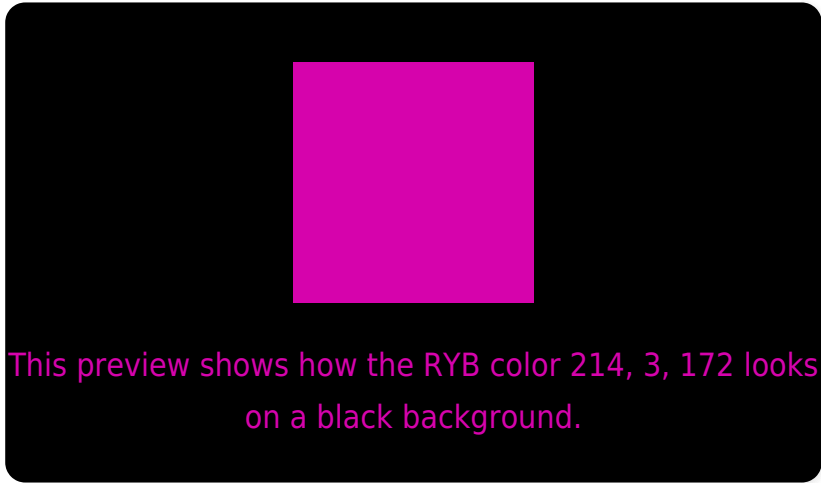
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

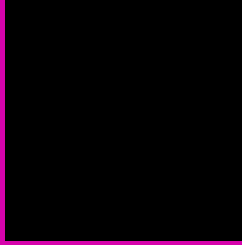
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 214, 3, 172 Background



This preview shows how black text looks on a background with the RYB color 214, 3, 172.

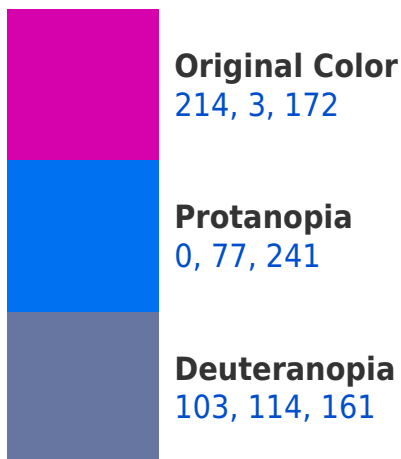


This preview shows how white text looks on a background with the RYB color 214, 3, 172.

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, 68, 71

Trichromacy



Original Color

214, 3, 172



Protanomaly

78, 73, 216



Deuteranomaly

143, 75, 165



Tritanomaly

209, 44, 108

Monochromacy



Original Color

214, 3, 172



Achromatopsia

85, 85, 85



Achromatomaly

132, 55, 117

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 3, 172 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(214, 3, 172)` looks like.

```
.text, #text, p{  
    color:rgb(214, 3, 172)  
}
```

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(214, 3, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 3, 172) }
```

Border

The CSS property to change the border of an element to RYB 214, 3, 172 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(214, 3, 172) }
```

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

```
.border{ border-color:rgb(214, 3, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 3, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 3, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 3, 172);  
box-shadow:4px 4px 4px 4px rgb(214, 3,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 214, 3, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 3, 172) }
```

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

```
.background{ background-color: rgb(214, 3,  
172) }
```

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