

Converting Colors

`RYB(213, 84, 152)`

Have a look what the booklet for RYB(213, 84, 152) contains.

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Color

RYB(213, 84, 152)

Conversions

Conversions Part 1

Format	Color
Hex	D55498
RGB	213, 84, 152
RGB Percent	84%, 33%, 60%
CMY	0.1647, 0.6706, 0.4039
CMYK	0.00, 0.61, 0.29, 0.16
HSL	328°, 61%, 58%
HSV	328°, 61%, 84%
XYZ	36.2784, 22.7538, 32.1856
YIQ	130.3230, 55.0560, 48.4960

Conversions

Conversions Part 2

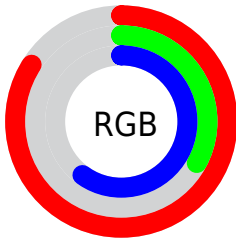
Format	Color
R _Y B	213, 84, 152
Decimal	13980824
CIE Lab	54.82, 57.44, -11.13
CIE LCh	55, 58.512, 349.036
Yxy	22.7538, 0.3977, 0.2494
Android (android.graphics.Color)	4292170904 (0xFFD55498)
YUV	130.3230, 10.6868, 72.5077
Hunter-Lab	47.7009, 52.2795, -6.6145

Details

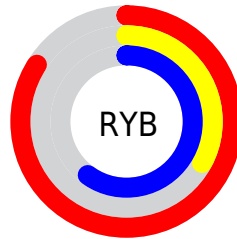
The RYB color **213, 84, 152** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **84, 172, 213**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **255, 140, 206**, and **155, 21, 101** is the 20% darker color. If you saturate the color by 10%, you get **213, 63, 142**, and if you desaturate by 10%, it is **213, 105, 162**.

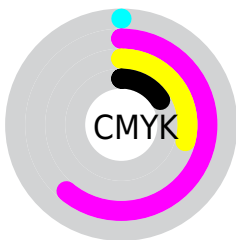
Distribution



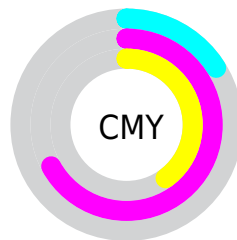
- Red (84%)
- Green (33%)
- Blue (60%)



- Red (84%)
- Yellow (33%)
- Blue (60%)



- Cyan (0%)
- Magenta (61%)
- Yellow (29%)
- Black (16%)



- Cyan (16%)
- Magenta (67%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 84, 152 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 213, 84, 152 by changing the saturation by 10% instead.



213, 84, 152



213, 84, 152

255, 255, 255



184, 55, 126



255, 140, 206



155, 21, 101



255, 168, 234



126, 0, 77



255, 196, 255



98, 0, 54



255, 225, 255



71, 0, 33



46, 0, 7



0, 0, 0



213, 84, 152



213, 84, 152




213, 63, 142





213, 105, 162

 213, 41, 132

 213, 127, 172

 213, 20, 122

 213, 148, 182

 213, 0, 112

 213, 169, 192

 213, 191, 202

 213, 212, 212

 213, 226, 233

 213, 241, 254

 213, 238, 255

Harmonies

Analogous

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



174, 103, 198



213, 84, 152



222, 84, 101

Triad

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



213, 84, 152



19, 138, 31



0, 88, 207

Complementary

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



213, 84, 152



84, 172, 213

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, 79, 163



213, 84, 152



60, 149, 147

Square

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



213, 84, 152



92, 172, 18



0, 90, 154



0, 88, 231

Rectangle

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



213, 84, 152



214, 99, 70



0, 90, 154



0, 86, 194

Sweetspot

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



213, 84, 152



255, 209, 233



144, 84, 213



128, 99, 114



0, 0, 0



128, 128, 128

Same Dimension

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



213, 84, 152



255, 69, 167



213, 84, 88



107, 96, 102



171, 0, 90



43, 0, 23

Inverse Universe

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



213, 84, 152



255, 69, 167



84, 150, 213



107, 96, 102



171, 0, 90



43, 0, 23

Previews

White Background



This preview shows how the RYB color 213, 84, 152 looks on a white background.

Color Contrast Check

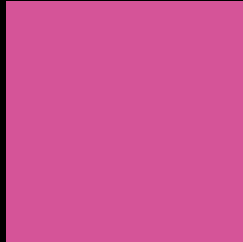
Large Text (above 18pt) WCAG AA ✓ Pass

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 213, 84, 152 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 213, 84, 152 Background



This preview shows how black text looks on a background with the RYB color 213, 84, 152.

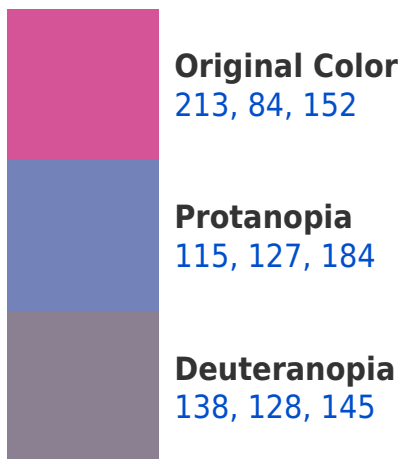


This preview shows how white text looks on a background with the RYB color 213, 84, 152.

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
209, 95, 102

Trichromacy



Original Color

213, 84, 152



Protanomaly

151, 113, 172



Deuteranomaly

165, 112, 148



Tritanomaly

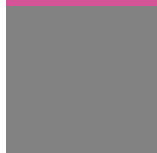
210, 91, 120

Monochromacy



Original Color

213, 84, 152



Achromatopsia

130, 130, 130



Achromatomaly

160, 113, 138

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 84, 152 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(213, 84, 152) looks like.

```
.text, #text, p{  
    color:rgb(213, 84, 152)  
}
```

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(213, 84, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 84, 152) }
```

Border

The CSS property to change the border of an element to RYB 213, 84, 152 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(213, 84, 152) }
```

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

```
.border{ border-color:rgb(213, 84, 152) }
```

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

Here you see how a box with a 4 pixel rgb(213, 84, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 84, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 84, 152);  
box-shadow:4px 4px 4px 4px rgb(213, 84,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 213, 84, 152 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 84, 152) }
```

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

```
.background{ background-color: rgb(213, 84,  
152) }
```

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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