

Converting Colors

`RYB(208, 100, 154)`

Have a look what the booklet for
RYB(208, 100, 154) contains.

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Color

`RYB(208, 100, 154)`

Conversions

Conversions Part 1

Format	Color
Hex	D0649A
RGB	208, 100, 154
RGB Percent	82%, 39%, 60%
CMY	0.1843, 0.6078, 0.3961
CMYK	0.00, 0.52, 0.26, 0.18
HSL	330°, 53%, 60%
HSV	330°, 52%, 82%
XYZ	36.4023, 24.8573, 33.4512
YIQ	138.4480, 47.0340, 39.6900

Conversions

Conversions Part 2

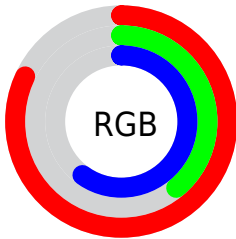
Format	Color
R _Y B	208, 100, 154
Decimal	13657242
CIE Lab	56.94, 48.73, -9.20
CIE LCh	57, 49.587, 349.307
Yxy	24.8573, 0.3844, 0.2625
Android (android.graphics.Color)	4291847322 (0xFFD0649A)
YUV	138.4480, 7.6671, 60.9971
Hunter-Lab	49.8571, 43.0787, -4.8801

Details

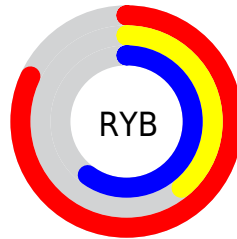
The RYB color **208, 100, 154** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **100, 172, 208**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **255, 154, 208**, and **151, 46, 103** is the 20% darker color. If you saturate the color by 10%, you get **208, 79, 144**, and if you desaturate by 10%, it is **208, 121, 164**.

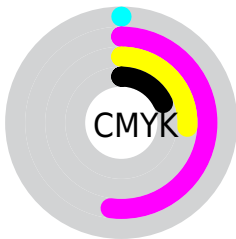
Distribution



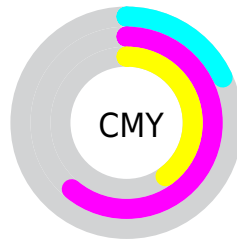
- Red (82%)
- Green (39%)
- Blue (60%)



- Red (82%)
- Yellow (39%)
- Blue (60%)



- Cyan (0%)
- Magenta (52%)
- Yellow (26%)
- Black (18%)



- Cyan (18%)
- Magenta (61%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 100, 154 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 208, 100, 154 by changing the saturation by 10% instead.

 208, 100, 154

255, 255, 255


 255, 154, 208


 255, 182, 237

 255, 210, 255

 255, 239, 255

 208, 100, 154

 179, 73, 128

 151, 46, 103

 123, 14, 79

 96, 0, 56

 69, 0, 35

 45, 0, 11


 0, 0, 0

 208, 100, 154


 208, 79, 144

 208, 100, 154


 208, 121, 164

 208, 58, 133

 208, 142, 175

 208, 38, 123

 208, 162, 185

 208, 17, 112

 208, 183, 196

 208, 0, 104

 208, 204, 206

 208, 220, 225

 208, 233, 246

 208, 237, 255

 208, 233, 255

Harmonies

Analogous

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



174, 114, 193



208, 100, 154



216, 100, 110

Triad

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



208, 100, 154



50, 143, 59



0, 88, 201

Complementary

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



208, 100, 154



100, 172, 208

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, 164



208, 100, 154



78, 152, 148

Square

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



208, 100, 154



118, 174, 48



0, 89, 157



0, 88, 221

Rectangle

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



208, 100, 154



210, 112, 84



0, 89, 157



0, 86, 190

Sweetspot

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



208, 100, 154



255, 214, 235



154, 100, 208



128, 103, 115



0, 0, 0



128, 128, 128

Same Dimension

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



208, 100, 154



255, 97, 176



208, 100, 100



105, 94, 99



168, 0, 84



41, 0, 20

Inverse Universe

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



208, 100, 154



255, 97, 176



100, 154, 208



105, 94, 99



168, 0, 84



41, 0, 20

Previews

White Background



This preview shows how the RYB color 208, 100, 154 looks on a white background.

Color Contrast Check

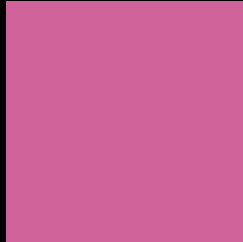
Large Text (above 18pt) WCAG AA ✓ Pass

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 208, 100, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

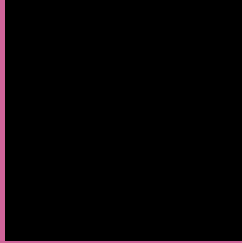
Any Text WCAG AA ✓ Pass

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 208, 100, 154 Background



This preview shows how black text looks on a background with the RYB color 208, 100, 154.



This preview shows how white text looks on a background with the RYB color 208, 100, 154.

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
208, 100, 154

Protanopia
126, 134, 178

Deuteranopia
145, 133, 149



Tritanopia
204, 108, 116

Trichromacy



Original Color

208, 100, 154



Protanomaly

156, 123, 169



Deuteranomaly

168, 121, 151



Tritanomaly

205, 105, 130

Monochromacy



Original Color

208, 100, 154



Achromatopsia

138, 138, 138



Achromatomaly

163, 124, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 100, 154 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(208, 100, 154) looks like.

```
.text, #text, p{  
    color:rgb(208, 100, 154)  
}
```

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(208, 100, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 100, 154) }
```

Border

The CSS property to change the border of an element to RYB 208, 100, 154 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(208, 100, 154) }
```

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

```
.border{ border-color:rgb(208, 100, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 100, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 100, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 100, 154);  
box-shadow:4px 4px 4px 4px rgb(208, 100,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 208, 100, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 100, 154) }
```

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

```
.background{ background-color: rgb(208,  
100, 154) }
```

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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