

Converting Colors

`RYB(208, 154, 160)`

Have a look what the booklet for
RYB(208, 154, 160) contains.

RYB(208, 154, 160)	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

$\text{RYB}(208, 154, 160)$

Conversions

Conversions Part 1

Format	Color
Hex	D09AA0
RGB	208, 154, 160
RGB Percent	82%, 60%, 63%
CMY	0.1843, 0.3961, 0.3725
CMYK	0.00, 0.26, 0.23, 0.18
HSL	353°, 36%, 71%
HSV	353°, 26%, 82%
XYZ	43.9132, 39.0592, 38.4824
YIQ	170.8300, 30.2580, 13.3140

Conversions

Conversions Part 2

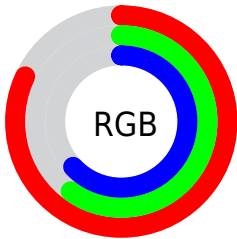
Format	Color
R _Y B	208, 154, 160
Decimal	13671072
CIE Lab	68.79, 21.04, 4.79
CIE LCh	69, 21.582, 12.829
Yxy	39.0592, 0.3616, 0.3216
Android (android.graphics.Color)	4291861152 (0xFFD09AA0)
YUV	170.8300, -5.3392, 32.5981
Hunter-Lab	62.4973, 16.0511, 7.2406

Details

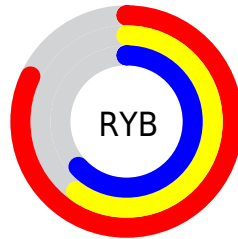
The RYB color **208, 154, 160** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **154, 183, 208**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **255, 209, 215**, and **153, 102, 109** is the 20% darker color. If you saturate the color by 10%, you get **208, 133, 142**, and if you desaturate by 10%, it is **208, 175, 178**.

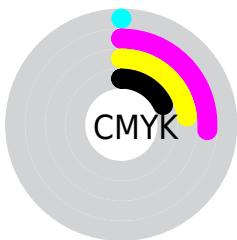
Distribution



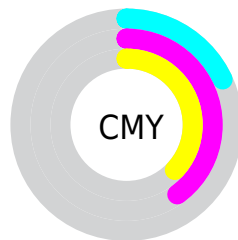
- Red (82%)
- Green (60%)
- Blue (63%)



- Red (82%)
- Yellow (60%)
- Blue (63%)



- Cyan (0%)
- Magenta (26%)
- Yellow (23%)
- Black (18%)



- Cyan (18%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the RYB color 208, 154, 160 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, 154, 160 by changing the saturation by 10% instead.

 208, 154, 160

 208, 154, 160

255, 255, 255

 180, 128, 134

 255, 209, 215


 153, 102, 109

 255, 237, 243

 126, 78, 84


 100, 55, 61


 75, 32, 40

 51, 11, 19

 29, 0, 1

 0, 0, 0

 208, 154, 160


 208, 154, 160

 208, 133, 142


 208, 175, 178

 208, 112, 123

 208, 196, 197

 208, 92, 105


 208, 212, 216

 208, 71, 86

 208, 223, 237

 208, 50, 68

 208, 232, 255

 208, 29, 49

 208, 232, 255

 208, 8, 31

 208, 0, 23

Harmonies

Analogous

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



200, 155, 180



208, 154, 160



205, 162, 142

Triad

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



208, 154, 160



139, 175, 162



131, 158, 205

Complementary

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



208, 154, 160



154, 183, 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.



115, 150, 194



208, 154, 160



130, 161, 178

Square

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



208, 154, 160



136, 174, 130



115, 148, 179



156, 165, 206

Rectangle

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



208, 154, 160



198, 181, 134



115, 148, 179



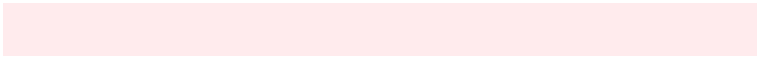
124, 155, 202

Sweetspot

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



208, 154, 160



255, 235, 237



202, 154, 208



128, 115, 116



0, 0, 0



128, 128, 128

Same Dimension

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



208, 154, 160



255, 176, 185



208, 188, 154



105, 94, 95



168, 0, 19



41, 0, 5

Inverse Universe

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



208, 154, 160



255, 176, 185



154, 174, 208



105, 94, 95



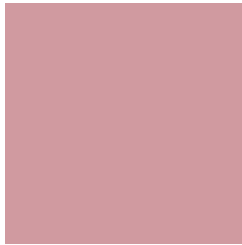
168, 0, 19



41, 0, 5

Previews

White Background



This preview shows how the RYB color 208, 154, 160 looks on a white background.

Color Contrast Check

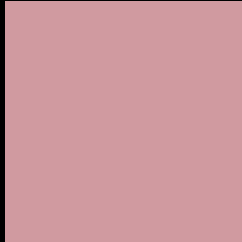
Large Text (above 18pt) WCAG AA × Fail

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, 154, 160 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 ✓ Pass

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

RYB 208, 154, 160 Background



This preview shows how black text looks on a background with the RYB color 208, 154, 160.



This preview shows how white text looks on a background with the RYB color 208, 154, 160.

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, 154, 160

Protanopia
171, 167, 167

Deuteranopia
188, 163, 158



Tritanopia
209, 153, 165

Trichromacy



Original Color
208, 154, 160

Protanomaly
184, 162, 164

Deuteranomaly
195, 159, 159

Tritanomaly
209, 153, 163

Monochromacy



Original Color
208, 154, 160

Achromatopsia
171, 171, 171

Achromatomaly
184, 165, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 154, 160 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, 154, 160) looks like.

```
.text, #text, p{  
    color:rgb(208, 154, 160)  
}
```

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, 154, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 154, 160) }
```

Border

The CSS property to change the border of an element to RYB 208, 154, 160 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, 154, 160) }
```

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

```
.border{ border-color:rgb(208, 154, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 154, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 154, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 154, 160);  
box-shadow:4px 4px 4px 4px rgb(208, 154,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 208, 154, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 154, 160) }
```

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

```
.background{ background-color: rgb(208,  
154, 160) }
```

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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