

Converting Colors

`RYB(195, 150, 160)`

Have a look what the booklet for
RYB(195, 150, 160) contains.

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Color

`RYB(195, 150, 160)`

Conversions

Conversions Part 1

Format	Color
Hex	C396A0
RGB	195, 150, 160
RGB Percent	76%, 59%, 63%
CMY	0.2353, 0.4118, 0.3725
CMYK	0.00, 0.23, 0.18, 0.24
HSL	347°, 27%, 68%
HSV	347°, 23%, 76%
XYZ	39.7572, 35.9529, 38.1019
YIQ	164.5950, 23.6100, 12.6500

Conversions

Conversions Part 2

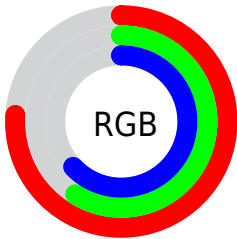
Format	Color
RYB	195, 150, 160
Decimal	12818080
CIELab	66.48, 18.40, 1.28
CIElCh	66, 18.445, 3.968
Yxy	35.9529, 0.3493, 0.3159
Android (android.graphics.Color)	4291008160 (0xFFC396A0)
YUV	164.5950, -2.2653, 26.6652
Hunter-Lab	59.9607, 13.4239, 4.2968

Details

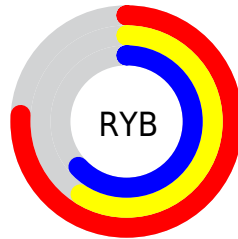
The RYB color **195, 150, 160** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **150, 175, 195**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **252, 204, 215**, and **141, 99, 109** is the 20% darker color. If you saturate the color by 10%, you get **195, 131, 145**, and if you desaturate by 10%, it is **195, 170, 175**.

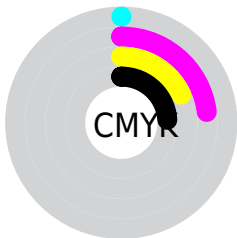
Distribution



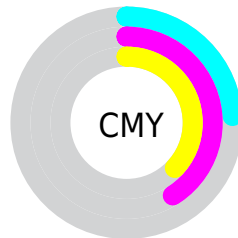
- Red (76%)
- Green (59%)
- Blue (63%)



- Red (76%)
- Yellow (59%)
- Blue (63%)



- Cyan (0%)
- Magenta (23%)
- Yellow (18%)
- Black (24%)



- Cyan (24%)
- Magenta (41%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 150, 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 195, 150, 160 by changing the saturation by 10% instead.

 195, 150, 160


255, 255, 255


 252, 204, 215

 255, 233, 243

 195, 150, 160

 167, 124, 134

 141, 99, 109

 115, 75, 84

 89, 52, 61


 65, 30, 40

 42, 8, 19

 8, 0, 0

 0, 0, 0

 195, 150, 160

 195, 150, 160

 195, 131, 145

 195, 170, 175

 195, 111, 130

 195, 189, 190

 195, 92, 114

 195, 202, 208

 195, 72, 99

 195, 213, 228

 195, 53, 84

 195, 225, 248

 195, 33, 69

 195, 226, 255

 195, 14, 54

 195, 225, 255

 195, 0, 43

Harmonies

Analogous

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



185, 152, 177



195, 150, 160



195, 152, 144

Triad

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



195, 150, 160



134, 166, 146



126, 151, 191

Complementary

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



195, 150, 160



150, 175, 195

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.



117, 146, 180



195, 150, 160



135, 161, 170

Square

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



195, 150, 160



144, 172, 129



121, 148, 171



146, 158, 194

Rectangle

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



195, 150, 160



191, 163, 136



121, 148, 171



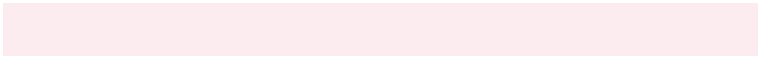
122, 149, 188

Sweetspot

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



195, 150, 160



252, 235, 239



184, 150, 195



128, 117, 120



0, 0, 0



128, 128, 128

Same Dimension

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



195, 150, 160



252, 182, 197



195, 166, 150



97, 87, 89



161, 0, 36



33, 0, 7

Inverse Universe

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



195, 150, 160



252, 182, 197



150, 169, 195



97, 87, 89



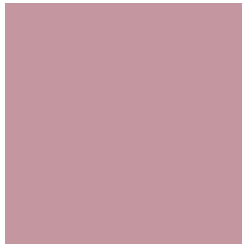
161, 0, 36



33, 0, 7

Previews

White Background



This preview shows how the RYB color 195, 150, 160 looks on a white background.

Color Contrast Check

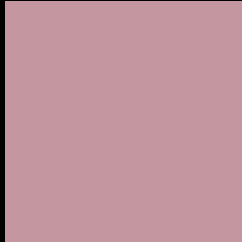
Large Text (above 18pt) WCAG AA × Fail

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 195, 150, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

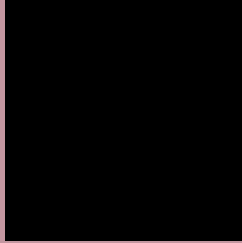
Any Text WCAG AA ✓ Pass

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 195, 150, 160 Background



This preview shows how black text looks on a background with the RYB color 195, 150, 160.



This preview shows how white text looks on a background with the RYB color 195, 150, 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
195, 150, 160

Protanopia
163, 161, 166

Deuteranopia
179, 157, 159



Tritanopia
195, 150, 161

Trichromacy



Original Color

195, 150, 160

Protanomaly

175, 157, 164

Deuteranomaly

185, 154, 159

Tritanomaly

195, 150, 161

Monochromacy



Original Color

195, 150, 160

Achromatopsia

165, 165, 165

Achromatomaly

176, 160, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 150, 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(195, 150, 160)` looks like.

```
.text, #text, p{  
    color:rgb(195, 150, 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(195, 150, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 150, 160) }
```

Border

The CSS property to change the border of an element to RYB 195, 150, 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(195, 150, 160) }
```

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

```
.border{ border-color:rgb(195, 150, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 150, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 150, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 150, 160);  
box-shadow:4px 4px 4px 4px rgb(195, 150,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 195, 150, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 150, 160) }
```

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

```
.background{ background-color: rgb(195,  
150, 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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