

Converting Colors

`RYB(194, 161, 164)`

Have a look what the booklet for RYB(194, 161, 164) contains.

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Color

R_YB(194, 161, 164)

Conversions

Conversions Part 1

Format	Color
Hex	C2A1A4
RGB	194, 161, 164
RGB Percent	76%, 63%, 64%
CMY	0.2392, 0.3686, 0.3569
CMYK	0.00, 0.17, 0.15, 0.24
HSL	355°, 21%, 70%
HSV	355°, 17%, 76%
XYZ	41.6938, 39.6394, 40.5756
YIQ	171.2090, 18.7050, 7.9290

Conversions

Conversions Part 2

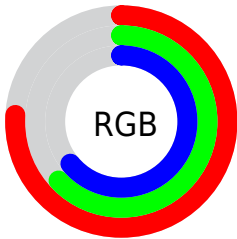
Format	Color
RYB	194, 161, 164
Decimal	12755364
CIELab	69.21, 12.62, 2.99
CIElCh	69, 12.968, 13.347
Yxy	39.6394, 0.3420, 0.3252
Android (android.graphics.Color)	4290945444 (0xFFC2A1A4)
YUV	171.2090, -3.5540, 19.9877
Hunter-Lab	62.9598, 8.0282, 5.8614

Details

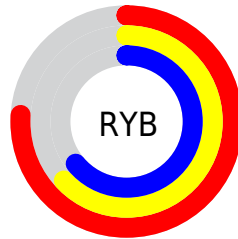
The RYB color **194, 161, 164** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **161, 178, 194**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **251, 216, 219**, and **140, 109, 112** is the 20% darker color. If you saturate the color by 10%, you get **194, 142, 146**, and if you desaturate by 10%, it is **194, 180, 182**.

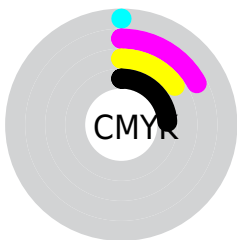
Distribution



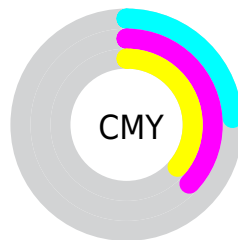
- Red (76%)
- Green (63%)
- Blue (64%)



- Red (76%)
- Yellow (63%)
- Blue (64%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (24%)





- Cyan (24%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the RYB color 194, 161, 164 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 194, 161, 164 by changing the saturation by 10% instead.

 194, 161, 164

 194, 161, 164

255, 255, 255

 167, 135, 138

 251, 216, 219


 140, 109, 112

 255, 244, 247

 114, 85, 88


 89, 62, 65


 65, 40, 43


 43, 19, 22


 21, 0, 0

 0, 0, 0

 194, 161, 164


 194, 161, 164

 194, 142, 146

 194, 180, 182

 194, 122, 129

 194, 197, 200

 194, 103, 111

 194, 207, 219

 194, 83, 93

 194, 218, 239

 194, 64, 76

 194, 225, 255

 194, 45, 58

 194, 225, 255

 194, 25, 41

 194, 6, 23

 194, 0, 18

Harmonies

Analogous

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



189, 162, 176



194, 161, 164



192, 166, 153

Triad

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



194, 161, 164



152, 173, 166



149, 164, 191

Complementary

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



194, 161, 164



161, 178, 194

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.



140, 160, 185



194, 161, 164



147, 165, 175

Square

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



194, 161, 164



149, 173, 146



140, 159, 176



163, 167, 192

Rectangle

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



194, 161, 164



188, 178, 148



140, 159, 176



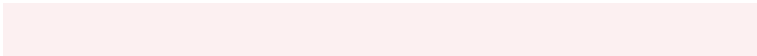
145, 162, 190

Sweetspot

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



194, 161, 164



252, 240, 241



191, 161, 194



128, 120, 121



0, 0, 0



128, 128, 128

Same Dimension

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



194, 161, 164



252, 202, 207



194, 182, 161



97, 87, 88



161, 0, 15



33, 0, 3

Inverse Universe

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



194, 161, 164



252, 202, 207



161, 173, 194



97, 87, 88



161, 0, 15



33, 0, 3

Previews

White Background



This preview shows how the RYB color 194, 161, 164 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 194, 161, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

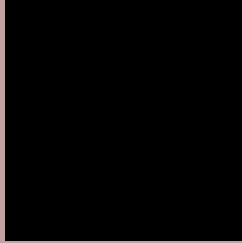
Any Text WCAG AA ✓ Pass

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 194, 161, 164 Background



This preview shows how black text looks on a background with the RYB color 194, 161, 164.



This preview shows how white text looks on a background with the RYB color 194, 161, 164.

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
194, 161, 164

Protanopia
172, 168, 168

Deuteranopia
188, 164, 164



Tritanopia
195, 160, 172

Trichromacy



Original Color

194, 161, 164

Protanomaly

180, 165, 167

Deuteranomaly

190, 163, 164

Tritanomaly

195, 160, 169

Monochromacy



Original Color

194, 161, 164

Achromatopsia

171, 171, 171

Achromatomaly

179, 167, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 161, 164 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(194, 161, 164) looks like.

```
.text, #text, p{  
    color:rgb(194, 161, 164)  
}
```

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(194, 161, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 161, 164) }
```

Border

The CSS property to change the border of an element to RYB 194, 161, 164 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(194, 161, 164) }
```

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

```
.border{ border-color:rgb(194, 161, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 161, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 161, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 161, 164); box-shadow:4px 4px 4px 4px rgb(194, 161, 164) }
```

Background

The CSS property to change the background color of an element to RYB 194, 161, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 161, 164) }
```

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

```
.background{ background-color: rgb(194,  
161, 164) }
```

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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