

Converting Colors

`RYB(193, 128, 110)`

Have a look what the booklet for
RYB(193, 128, 110) contains.

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Color

`RYB(193, 128, 110)`

Conversions

Conversions Part 1

Format	Color
Hex	C17D6E
RGB	193, 125, 110
RGB Percent	76%, 49%, 43%
CMY	0.2431, 0.5106, 0.5686
CMYK	0.00, 0.35, 0.43, 0.24
HSL	11°, 40%, 59%
HSV	11°, 43%, 76%
XYZ	32.1141, 27.0779, 18.2858
YIQ	143.6220, 45.3430, 9.7510

Conversions

Conversions Part 2

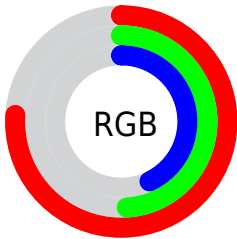
Format	Color
R_{YB}	193, 128, 110
Decimal	12680558
CIE Lab	59.05, 24.77, 19.05
CIE LCh	59, 31.248, 37.555
Yxy	27.0779, 0.4145, 0.3495
Android (android.graphics.Color)	4290870638 (0xFFC17D6E)
YUV	143.6220, -16.5756, 43.3045
Hunter-Lab	52.0364, 19.0970, 15.5907

Details

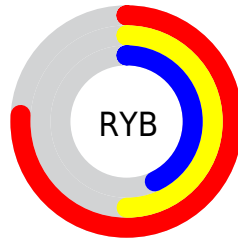
The RYB color **193, 128, 110** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **110, 147, 193**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **251, 182, 162**, and **137, 78, 62** is the 20% darker color. If you saturate the color by 10%, you get **193, 113, 91**, and if you desaturate by 10%, it is **193, 144, 129**.

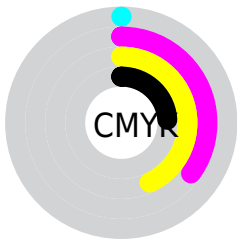
Distribution



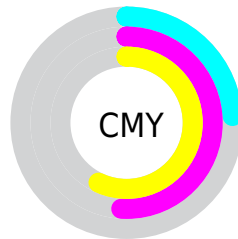
- Red (76%)
- Green (49%)
- Blue (43%)



- Red (76%)
- Yellow (50%)
- Blue (43%)



- Cyan (0%)
- Magenta (35%)
- Yellow (43%)
- Black (24%)



- Cyan (24%)
- Magenta (51%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the RYB color 193, 128, 110 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 193, 128, 110 by changing the saturation by 10% instead.

 193, 128, 110

255, 255, 255

 251, 182, 162

 255, 212, 189


 255, 249, 216

 245, 255, 245

 193, 128, 110

 165, 102, 86

 137, 78, 62

 110, 53, 40


 83, 31, 20

 58, 5, 0

 34, 0, 1

 0, 0, 0

 193, 128, 110

 193, 113, 91


 193, 128, 110

 193, 144, 129

 193, 98, 71

 193, 159, 149

 193, 82, 52

 193, 173, 168

 193, 67, 33

 193, 188, 187

 193, 51, 14

 193, 199, 207

 193, 41, 0

 193, 208, 226

 193, 217, 245

 193, 223, 255

 193, 224, 255

Harmonies

Analogous

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



195, 121, 136



193, 128, 110



178, 170, 92

Triad

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



193, 128, 110



91, 135, 155



115, 135, 196

Complementary

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



193, 128, 110



110, 147, 193

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.



69, 118, 192



193, 128, 110



56, 109, 157

Square

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



193, 128, 110



98, 150, 124



37, 101, 175



154, 132, 186

Rectangle

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



193, 128, 110



120, 163, 87



37, 101, 175



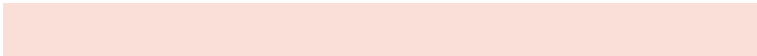
100, 131, 196

Sweetspot

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



193, 128, 110



250, 224, 217



193, 110, 179



125, 110, 105



252, 252, 252



125, 125, 125

Same Dimension

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



193, 128, 110



250, 148, 120



152, 193, 110



97, 90, 87



161, 35, 0



33, 7, 0

Inverse Universe

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



110, 147, 193



120, 179, 250



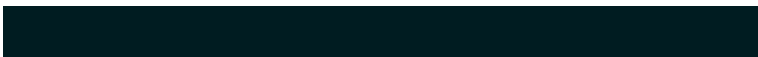
110, 131, 193



87, 91, 97



0, 73, 161



0, 15, 33

Previews

White Background



This preview shows how the RYB color 193, 128, 110 looks on a white background.

Color Contrast Check

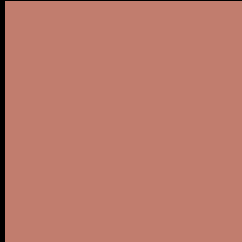
Large Text (above 18pt) WCAG AA ✓ Pass

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 193, 128, 110 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 193, 128, 110 Background



This preview shows how black text looks on a background with the RYB color 193, 128, 110.

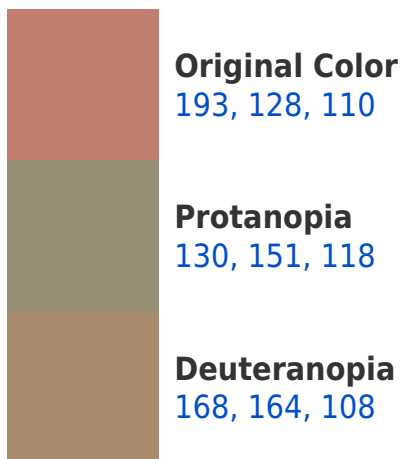


This preview shows how white text looks on a background with the RYB color 193, 128, 110.

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
195, 122, 131

Trichromacy



Original Color

193, 128, 110

Protanomaly

166, 151, 115

Deuteranomaly

177, 146, 109

Tritanomaly

194, 123, 123

Monochromacy



Original Color

193, 128, 110

Achromatopsia

143, 143, 143

Achromatomaly

161, 137, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 128, 110 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(193, 125, 110)` looks like.

```
.text, #text, p{  
    color:rgb(193, 125, 110)  
}
```

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(193, 125, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 125, 110) }
```

Border

The CSS property to change the border of an element to RYB 193, 128, 110 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(193, 125, 110) }
```

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

```
.border{ border-color:rgb(193, 125, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 125, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 125, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 125, 110);  
box-shadow:4px 4px 4px 4px rgb(193, 125,  
110) }
```

Background

The CSS property to change the background color of an element to RYB 193, 128, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 125, 110) }
```

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

```
.background{ background-color: rgb(193,  
125, 110) }
```

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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