

Converting Colors

`RYB(195, 175, 108)`

Have a look what the booklet for
RYB(195, 175, 108) contains.

RYB(195, 175, 108)	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

R_YB(195, 175, 108)

Conversions

Conversions Part 1

Format	Color
Hex	C3926C
RGB	195, 146, 108
RGB Percent	76%, 57%, 42%
CMY	0.2353, 0.4280, 0.5765
CMYK	0.00, 0.25, 0.45, 0.24
HSL	26°, 42%, 59%
HSV	26°, 45%, 76%
XYZ	35.4683, 33.1966, 18.7256
YIQ	156.3190, 41.4020, -1.4300

Conversions

Conversions Part 2

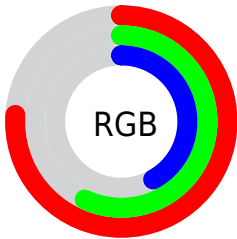
Format	Color
RYB	195, 175, 108
Decimal	12817004
CIELab	64.32, 13.77, 27.26
CIELCh	64, 30.540, 63.204
Yxy	33.1966, 0.4059, 0.3799
Android (android.graphics.Color)	4291007084 (0xFFC3926C)
YUV	156.3190, -23.8213, 33.9232
Hunter-Lab	57.6165, 9.0547, 21.0621

Details

The RYB color **195, 175, 108** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **108, 139, 195**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **253, 230, 160**, and **139, 123, 60** is the 20% darker color. If you saturate the color by 10%, you get **195, 170, 89**, and if you desaturate by 10%, it is **195, 179, 128**.

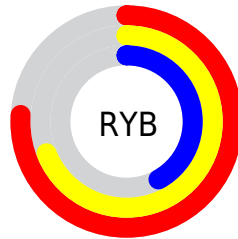
Distribution



Red (76%)

Green (57%)

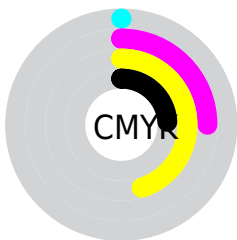
Blue (42%)



Red (76%)

Yellow (69%)

Blue (42%)

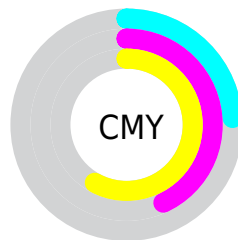


Cyan (0%)

Magenta (25%)

Yellow (45%)

Black (24%)



Cyan (24%)

Magenta (43%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 175, 108 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, 175, 108 by changing the saturation by 10% instead.

 195, 175, 108

255, 255, 255

 253, 230, 160

 232, 255, 187

 215, 255, 215

 243, 255, 243

 195, 175, 108

 195, 170, 89

 195, 175, 108

 167, 149, 83

 139, 123, 60

 112, 99, 37


 86, 78, 16

 61, 52, 0

 37, 4, 0

 0, 0, 0

 195, 175, 108

 195, 179, 128

195, 167, 69

195, 184, 147

195, 163, 49

195, 188, 167

195, 158, 30

195, 193, 186

195, 153, 11

195, 199, 206

195, 151, 0

195, 206, 225

195, 213, 244

195, 219, 255

195, 222, 255

Harmonies

Analogous

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



208, 140, 127



195, 175, 108



123, 172, 101

Triad

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



195, 175, 108



79, 128, 171



163, 148, 202

Complementary

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



195, 175, 108



108, 139, 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.



124, 148, 210



195, 175, 108



62, 120, 185

Square

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



195, 175, 108



111, 155, 169



83, 132, 204



193, 139, 181

Rectangle

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



195, 175, 108



105, 161, 113



83, 132, 204



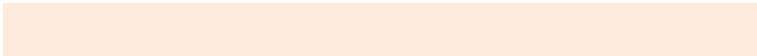
151, 151, 206

Sweetspot

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



195, 175, 108



252, 245, 220



195, 108, 157



128, 123, 107



0, 0, 0



128, 128, 128

Same Dimension

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



195, 175, 108



252, 220, 116



114, 195, 108



97, 94, 87



161, 124, 0



33, 24, 0

Inverse Universe

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



108, 139, 195



116, 165, 252



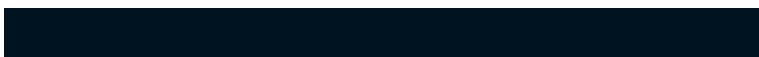
108, 114, 195



87, 91, 97



0, 58, 161



0, 12, 33

Previews

White Background



This preview shows how the RYB color 195, 175, 108 looks on a white background.

Color Contrast Check

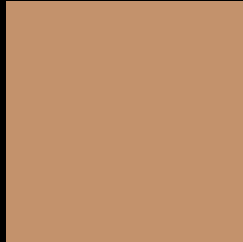
Large Text (above 18pt) WCAG AA × Fail

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, 175, 108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

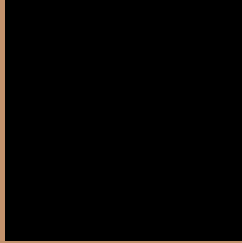
Any Text WCAG AA ✓ Pass

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, 175, 108 Background



This preview shows how black text looks on a background with the RYB color 195, 175, 108.

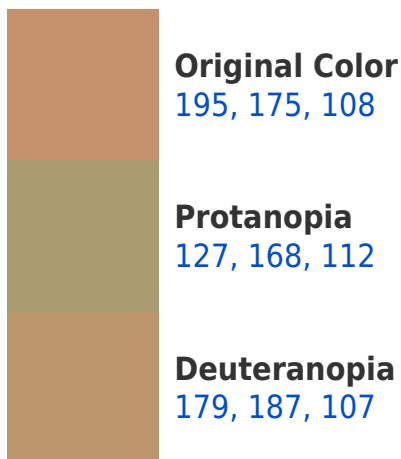



This preview shows how white text looks on a background with the RYB color 195, 175, 108.

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
199, 140, 151

Trichromacy



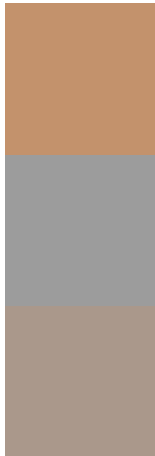
Original Color
195, 175, 108

Protanomaly
153, 178, 111

Deuteranomaly
190, 188, 107

Tritanomaly
198, 143, 135

Monochromacy



Original Color
195, 175, 108

Achromatopsia
156, 156, 156

Achromatomaly
170, 161, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 175, 108 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, 146, 108)` looks like.

```
.text, #text, p{  
    color:rgb(195, 146, 108)  
}
```

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, 146, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 146, 108) }
```

Border

The CSS property to change the border of an element to RYB 195, 175, 108 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, 146, 108) }
```

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

```
.border{ border-color:rgb(195, 146, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 146, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 146, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 146, 108);  
box-shadow:4px 4px 4px 4px rgb(195, 146,  
108) }
```

Background

The CSS property to change the background color of an element to RYB 195, 175, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 146, 108) }
```

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

```
.background{ background-color: rgb(195,  
146, 108) }
```

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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