

Converting Colors

`RYB(193, 171, 124)`

Have a look what the booklet for
RYB(193, 171, 124) contains.

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Color

R_YB(193, 171, 124)

Conversions

Conversions Part 1

Format	Color
Hex	C1987C
RGB	193, 152, 124
RGB Percent	76%, 60%, 49%
CMY	0.2431, 0.4041, 0.5137
CMYK	0.00, 0.21, 0.36, 0.24
HSL	24°, 36%, 62%
HSV	24°, 36%, 76%
XYZ	36.8517, 35.2352, 23.9276
YIQ	161.0670, 33.4240, -0.0160

Conversions

Conversions Part 2

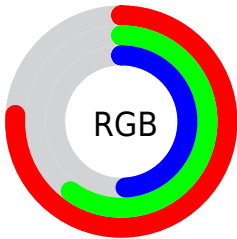
Format	Color
R_{YB}	193, 171, 124
Decimal	12687484
CIE _{Lab}	65.93, 11.44, 20.57
CIE _{LCh}	66, 23.538, 60.916
Yxy	35.2352, 0.3838, 0.3670
Android (android.graphics.Color)	4290877564 (0xFFC1987C)
YUV	161.0670, -18.2740, 28.0052
Hunter-Lab	59.3592, 6.9385, 17.6518

Details

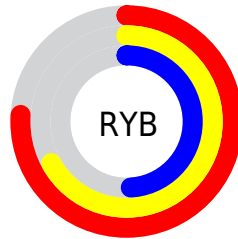
The RYB color **193, 171, 124** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **124, 150, 193**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **251, 225, 177**, and **138, 119, 75** is the 20% darker color. If you saturate the color by 10%, you get **193, 163, 105**, and if you desaturate by 10%, it is **193, 176, 143**.

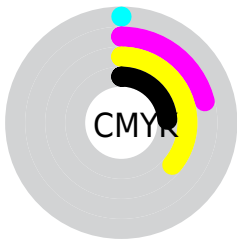
Distribution



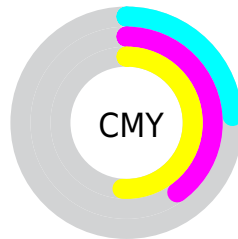
- Red (76%)
- Green (60%)
- Blue (49%)



- Red (76%)
- Yellow (67%)
- Blue (49%)



- Cyan (0%)
- Magenta (21%)
- Yellow (36%)
- Black (24%)



- Cyan (24%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 171, 124 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, 171, 124 by changing the saturation by 10% instead.

 193, 171, 124


255, 255, 255


 251, 225, 177

 240, 255, 204

 232, 255, 232

 193, 171, 124

 165, 145, 99

 138, 119, 75

 112, 95, 52

 86, 72, 30

 61, 57, 7

 38, 18, 0


 0, 0, 0

 193, 171, 124


 193, 163, 105

 193, 171, 124


 193, 176, 143

 193, 159, 85


 193, 183, 163

 193, 154, 66

 193, 188, 182

 193, 146, 47

 193, 196, 201

 193, 141, 28

 193, 203, 221

 193, 134, 8

 193, 211, 240

 193, 131, 0

 193, 217, 255

 193, 221, 255

 193, 224, 255

Harmonies

Analogous

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



203, 148, 139



193, 171, 124



140, 175, 118

Triad

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



193, 171, 124



107, 143, 172



164, 155, 196

Complementary

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



193, 171, 124



124, 150, 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.



135, 154, 202



193, 171, 124



98, 137, 181

Square

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



193, 171, 124



128, 161, 170



109, 144, 196



188, 148, 181

Rectangle

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



193, 171, 124



121, 163, 124



109, 144, 196



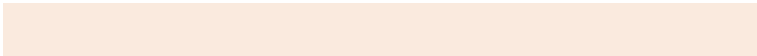
155, 157, 199

Sweetspot

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



193, 171, 124



250, 243, 222



193, 124, 165



125, 119, 109



252, 252, 252



125, 125, 125

Same Dimension

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



193, 171, 124



250, 216, 142



132, 193, 124



97, 94, 87



161, 109, 0



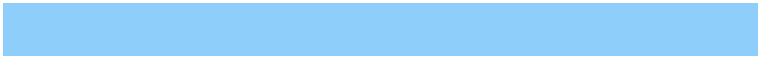
33, 21, 0

Inverse Universe

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



124, 150, 193



142, 182, 250



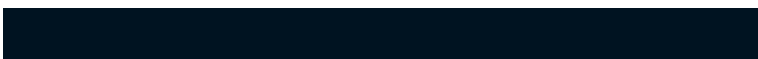
124, 130, 193



87, 91, 97



0, 60, 161



0, 12, 33

Previews

White Background



This preview shows how the RYB color 193, 171, 124 looks on a white background.

Color Contrast Check

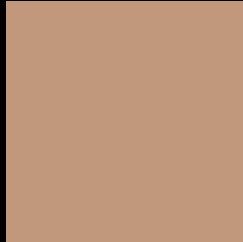
Large Text (above 18pt) WCAG AA × Fail

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 193, 171, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

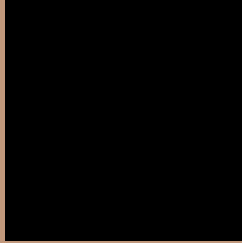
Any Text WCAG AA ✓ Pass

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 193, 171, 124 Background



This preview shows how black text looks on a background with the RYB color 193, 171, 124.



This preview shows how white text looks on a background with the RYB color 193, 171, 124.

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 193, 171, 124
	Protanopia 141, 170, 128
	Deuteranopia 188, 180, 124



Tritanopia
197, 147, 159

Trichromacy



Original Color
193, 171, 124

Protanomaly
163, 178, 127

Deuteranomaly
190, 176, 124

Tritanomaly
196, 149, 146

Monochromacy



Original Color
193, 171, 124

Achromatopsia
161, 161, 161

Achromatomaly
173, 165, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 171, 124 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, 152, 124)` looks like.

```
.text, #text, p{  
    color:rgb(193, 152, 124)  
}
```

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, 152, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 152, 124) }
```

Border

The CSS property to change the border of an element to RYB 193, 171, 124 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, 152, 124) }
```

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

```
.border{ border-color:rgb(193, 152, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 152, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 152, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 152, 124);  
box-shadow:4px 4px 4px 4px rgb(193, 152,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 193, 171, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 152, 124) }
```

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

```
.background{ background-color: rgb(193,  
152, 124) }
```

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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