

Converting Colors

RGB(172, 161, 112)

Have a look what the booklet for
RGB(172, 161, 112) contains.

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Color

RGB(172, 161, 112)

Conversions

Conversions Part 1

Format	Color
Hex	ACA170
RGB	172, 161, 112
RGB Percent	67%, 63%, 44%
CMY	0.3255, 0.3686, 0.5608
CMYK	0.00, 0.06, 0.35, 0.33
HSL	49°, 27%, 56%
HSV	49°, 35%, 67%
XYZ	32.6828, 35.4302, 20.4454
YIQ	158.7030, 22.2850, -12.9070

Conversions

Conversions Part 2

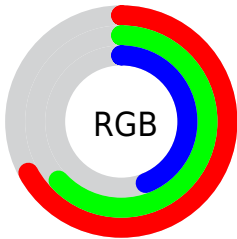
Format	Color
RYB	125, 172, 112
Decimal	11313520
CIELab	66.08, -3.51, 26.99
CIELCh	66, 27.221, 97.411
Yxy	35.4302, 0.3691, 0.4001
Android (android.graphics.Color)	4289503600 (0xFFACA170)
YUV	158.7030, -23.0246, 11.6615
Hunter-Lab	59.5233, -6.1559, 21.3011

Details

The RGB color **172, 161, 112** is a light color, and the websafe version is hex **999966**. A complement of this color would be **112, 123, 172**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **228, 216, 164**, and **119, 110, 63** is the 20% darker color. If you saturate the color by 10%, you get **172, 158, 95**, and if you desaturate by 10%, it is **172, 164, 129**.

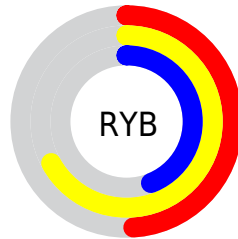
Distribution



Red (67%)

Green (63%)

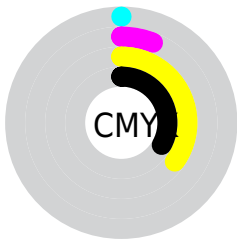
Blue (44%)



Red (49%)

Yellow (67%)

Blue (44%)

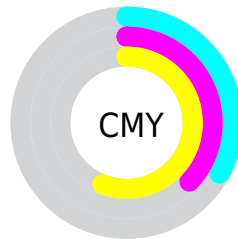


Cyan (0%)

Magenta (6%)

Yellow (35%)

Black (33%)



Cyan (33%)


Magenta (37%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 161, 112 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 RGB color 172, 161, 112 by changing the saturation by 10% instead.

 172, 161, 112


255, 255, 255

 228, 216, 164

 255, 244, 191

 255, 255, 219

 255, 255, 248

 172, 161, 112


 145, 135, 87

 119, 110, 63

 93, 85, 41

 69, 62, 18


 46, 40, 0


 21, 21, 0

 0, 0, 0

 172, 161, 112

 172, 158, 95

 172, 161, 112

 172, 164, 129

■ 172, 155, 78

■ 172, 167, 146

■ 172, 152, 60

■ 172, 170, 164

■ 172, 148, 43

■ 172, 174, 181

■ 172, 145, 26

■ 172, 177, 198

■ 172, 142, 9

■ 172, 180, 215

■ 172, 140, 0

■ 172, 183, 232

■ 172, 186, 250

■ 172, 189, 255

Harmonies

Analogous

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



194, 153, 116



172, 161, 112



145, 168, 121

Triad

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



172, 161, 112



85, 173, 189



197, 145, 180

Complementary

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



172, 161, 112



112, 123, 172

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.



172, 152, 199



172, 161, 112



104, 168, 205

Square

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



172, 161, 112



93, 174, 166



138, 161, 209



209, 143, 155

Rectangle

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



172, 161, 112



126, 171, 134



138, 161, 209



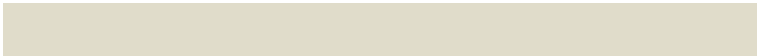
190, 147, 187

Sweetspot

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



172, 161, 112



224, 220, 202



172, 112, 123



112, 110, 99



240, 240, 240



112, 112, 112

Same Dimension

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



172, 161, 112



224, 207, 130



154, 172, 112



87, 85, 78



150, 123, 0



23, 19, 0

Inverse Universe

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



112, 123, 172



130, 147, 224



131, 112, 172



78, 80, 87



0, 28, 150



0, 4, 23

Previews

White Background



This preview shows how the RGB color 172, 161, 112 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 RGB color 172, 161, 112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

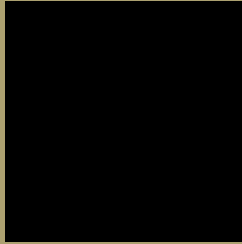
Any Text WCAG AA ✓ Pass

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](#).

RGB 172, 161, 112 Background



This preview shows how black text looks on a background with the RGB color 172, 161, 112.



This preview shows how white text looks on a background with the RGB color 172, 161, 112.

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

172, 161, 112

Protanopia

173, 161, 112

Deuteranopia

191, 154, 114



Tritanopia
178, 154, 166

Trichromacy



Original Color
172, 161, 112

Protanomaly
173, 161, 112

Deuteranomaly
184, 157, 113

Tritanomaly
176, 157, 146

Monochromacy



Original Color
172, 161, 112

Achromatopsia
159, 159, 159

Achromatomaly
164, 160, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 161, 112 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(172, 161, 112)` looks like.

```
.text, #text, p{  
    color:rgb(172, 161, 112)  
}
```

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(172, 161, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 161, 112) }
```

Border

The CSS property to change the border of an element to RGB 172, 161, 112 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(172, 161, 112) }
```

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

```
.border{ border-color:rgb(172, 161, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 161, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 161, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 161, 112); box-shadow:4px 4px 4px 4px rgb(172, 161, 112) }
```

Background

The CSS property to change the background color of an element to RGB 172, 161, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 161, 112) }
```

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

```
.background{ background-color: rgb(172,  
161, 112) }
```

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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