

Converting Colors

`RYB(175, 156, 116)`

Have a look what the booklet for
RYB(175, 156, 116) contains.

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Color

R_YB(175, 156, 116)

Conversions

Conversions Part 1

Format	Color
Hex	AF8C74
RGB	175, 140, 116
RGB Percent	69%, 55%, 45%
CMY	0.3137, 0.4516, 0.5451
CMYK	0.00, 0.20, 0.34, 0.31
HSL	24°, 27%, 57%
HSV	24°, 34%, 69%
XYZ	30.1861, 29.0839, 20.5458
YIQ	147.7290, 28.5640, -0.0440

Conversions

Conversions Part 2

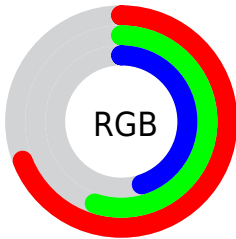
Format	Color
RYB	175, 156, 116
Decimal	11504756
CIELab	60.86, 9.86, 17.80
CIELCh	61, 20.345, 61.008
Yxy	29.0839, 0.3782, 0.3644
Android (android.graphics.Color)	4289694836 (0xFFAF8C74)
YUV	147.7290, -15.6424, 23.9167
Hunter-Lab	53.9295, 5.5356, 15.1626

Details

The RYB color **175, 156, 116** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **116, 138, 175**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **231, 212, 168**, and **121, 106, 68** is the 20% darker color. If you saturate the color by 10%, you get **175, 150, 98**, and if you desaturate by 10%, it is **175, 160, 134**.

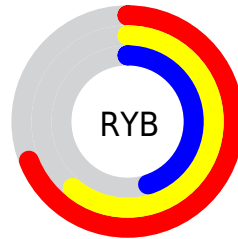
Distribution



Red (69%)

Green (55%)

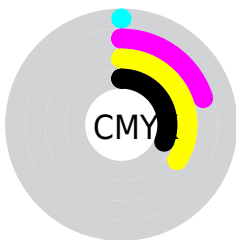
Blue (45%)



Red (69%)

Yellow (61%)

Blue (45%)

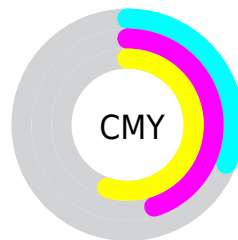


Cyan (0%)

Magenta (20%)

Yellow (34%)

Black (31%)



Cyan (31%)

Magenta (45%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 156, 116 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 175, 156, 116 by changing the saturation by 10% instead.

 175, 156, 116

255, 255, 255

 231, 209, 168

 255, 241, 195


 229, 255, 223


 252, 255, 252

 175, 156, 116


 175, 150, 98

 175, 156, 116

 148, 130, 91

 121, 106, 68

 96, 81, 45


 71, 59, 24

 48, 44, 0

 24, 0, 0

 0, 0, 0

 175, 156, 116

 175, 160, 134

■ 175, 145, 81

■ 175, 168, 151

■ 175, 140, 64

■ 175, 172, 169

■ 175, 133, 46

■ 175, 179, 186

■ 175, 129, 28

■ 175, 186, 203

■ 175, 121, 11

■ 175, 192, 221

■ 175, 119, 0

■ 175, 199, 238

■ 175, 205, 255

■ 175, 209, 255

Harmonies

Analogous

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



183, 136, 129



175, 156, 116



131, 160, 111

Triad

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



175, 156, 116



103, 133, 157



151, 142, 178

Complementary

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



175, 156, 116



116, 138, 175

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.



126, 142, 182



175, 156, 116



96, 128, 165

Square

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



175, 156, 116



120, 148, 155



105, 134, 178



171, 137, 165

Rectangle

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



175, 156, 116



113, 150, 116



105, 134, 178



143, 144, 180

Sweetspot

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



175, 156, 116



227, 219, 204



175, 116, 151



115, 112, 101



242, 242, 242



115, 115, 115

Same Dimension

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



175, 156, 116



227, 198, 136



123, 175, 116



87, 85, 78



150, 103, 0



23, 15, 0

Inverse Universe

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



116, 138, 175



136, 170, 227



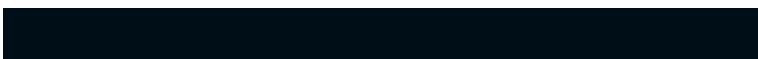
116, 121, 175



78, 81, 87



0, 56, 150



0, 9, 23

Previews

White Background



This preview shows how the RYB color 175, 156, 116 looks on a white background.

Color Contrast Check

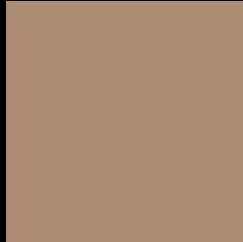
Large Text (above 18pt) WCAG AA ✓ Pass

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 175, 156, 116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

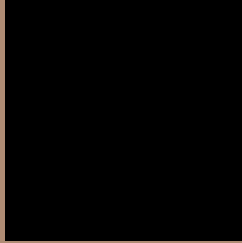
Any Text WCAG AA ✓ Pass

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 175, 156, 116 Background



This preview shows how black text looks on a background with the RYB color 175, 156, 116.



This preview shows how white text looks on a background with the RYB color 175, 156, 116.

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
175, 156, 116

Protanopia
131, 156, 119

Deuteranopia
172, 161, 116



Tritanopia
178, 136, 146

Trichromacy



Original Color
175, 156, 116

Protanomaly
151, 163, 118

Deuteranomaly
173, 161, 116

Tritanomaly
177, 137, 135

Monochromacy



Original Color
175, 156, 116

Achromatopsia
148, 148, 148

Achromatomaly
158, 151, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 156, 116 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(175, 140, 116)` looks like.

```
.text, #text, p{  
    color:rgb(175, 140, 116)  
}
```

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(175, 140, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 140, 116) }
```

Border

The CSS property to change the border of an element to RYB 175, 156, 116 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(175, 140, 116) }
```

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

```
.border{ border-color:rgb(175, 140, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 140, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 140, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 140, 116);  
box-shadow:4px 4px 4px 4px rgb(175, 140,  
116) }
```

Background

The CSS property to change the background color of an element to RYB 175, 156, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 140, 116) }
```

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

```
.background{ background-color: rgb(175,  
140, 116) }
```

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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