

Converting Colors

`RYB(162, 175, 106)`

Have a look what the booklet for
RYB(162, 175, 106) contains.

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Color

R_YB(162, 175, 106)

Conversions

Conversions Part 1

Format	Color
Hex	AF906A
RGB	175, 144, 106
RGB Percent	69%, 56%, 42%
CMY	0.3137, 0.4349, 0.5843
CMYK	0.00, 0.18, 0.39, 0.31
HSL	33°, 30%, 55%
HSV	33°, 39%, 69%
XYZ	30.2673, 30.1278, 17.8556
YIQ	148.9370, 30.6740, -5.2460

Conversions

Conversions Part 2

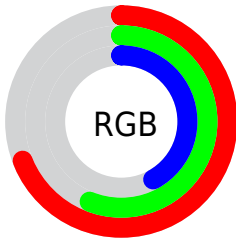
Format	Color
RYB	162, 175, 106
Decimal	11505770
CIELab	61.76, 6.25, 24.60
CIELCh	62, 25.386, 75.748
Yxy	30.1278, 0.3868, 0.3850
Android (android.graphics.Color)	4289695850 (0xFFAF906A)
YUV	148.9370, -21.1679, 22.8573
Hunter-Lab	54.8888, 2.3749, 19.1347

Details

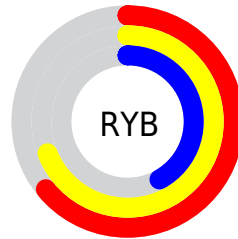
The RYB color **162, 175, 106** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **106, 127, 175**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **221, 232, 158**, and **105, 121, 58** is the 20% darker color. If you saturate the color by 10%, you get **160, 175, 89**, and if you desaturate by 10%, it is **166, 175, 124**.

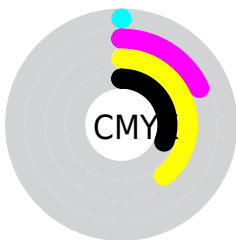
Distribution



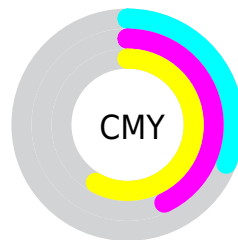
- Red (69%)
- Green (56%)
- Blue (42%)



- Red (64%)
- Yellow (69%)
- Blue (42%)



- Cyan (0%)
- Magenta (18%)
- Yellow (39%)
- Black (31%)




- Cyan (31%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 175, 106 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 162, 175, 106 by changing the saturation by 10% instead.

 162, 175, 106

255, 255, 255

 221, 232, 158

 235, 255, 185

 213, 255, 212


 241, 255, 241

 162, 175, 106

 137, 148, 82

 105, 121, 58


 79, 95, 36


 50, 70, 14

 35, 47, 0


 22, 1, 0

 0, 0, 0

 162, 175, 106


 160, 175, 89


 162, 175, 106


 166, 175, 124

 157, 175, 71


 168, 175, 141

 152, 175, 54

 171, 175, 159

 148, 175, 36

 175, 175, 176

 146, 175, 19

 175, 181, 194

 142, 175, 1

 175, 186, 211

 141, 175, 0

 175, 192, 229

 175, 197, 246

 175, 202, 255

Harmonies

Analogous

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



190, 144, 118



162, 175, 106



107, 153, 106

Triad

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



162, 175, 106



83, 123, 162



167, 139, 181

Complementary

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



162, 175, 106



106, 127, 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.



138, 146, 192



162, 175, 106



83, 126, 181

Square

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



162, 175, 106



102, 139, 161



106, 137, 192



187, 134, 161

Rectangle

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



162, 175, 106



112, 156, 132



106, 137, 192



158, 142, 186

Sweetspot

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



162, 175, 106



222, 227, 200



175, 106, 137



111, 115, 99



242, 242, 242



115, 115, 115

Same Dimension

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



162, 175, 106



207, 227, 120



106, 175, 109



85, 87, 78



121, 150, 0



18, 23, 0

Inverse Universe

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



106, 127, 175



120, 153, 227



109, 106, 175



78, 81, 87



0, 46, 150



0, 7, 23

Previews

White Background



This preview shows how the RYB color 162, 175, 106 looks on a white background.

Color Contrast Check

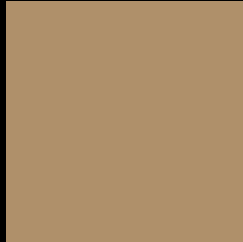
Large Text (above 18pt) WCAG AA × Fail

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 162, 175, 106 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 162, 175, 106 Background



This preview shows how black text looks on a background with the RYB color 162, 175, 106.



This preview shows how white text looks on a background with the RYB color 162, 175, 106.

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

162, 175, 106

Protanopia

124, 161, 108

Deuteranopia

174, 178, 106



Tritanopia
179, 138, 149

Trichromacy



Original Color
162, 175, 106

Protanomaly
135, 166, 107

Deuteranomaly
171, 177, 106

Tritanomaly
178, 141, 133

Monochromacy



Original Color
162, 175, 106

Achromatopsia
149, 149, 149

Achromatomaly
153, 158, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 175, 106 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, 144, 106) looks like.

```
.text, #text, p{  
    color:rgb(175, 144, 106)  
}
```

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, 144, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 144, 106) }
```

Border

The CSS property to change the border of an element to RYB 162, 175, 106 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, 144, 106) }
```

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

```
.border{ border-color:rgb(175, 144, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 144, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 144, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 144, 106);  
box-shadow:4px 4px 4px 4px rgb(175, 144,  
106) }
```

Background

The CSS property to change the background color of an element to RYB 162, 175, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 144, 106) }
```

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

```
.background{ background-color: rgb(175,  
144, 106) }
```

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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