

Converting Colors

`RYB(145, 136, 76)`

Have a look what the booklet for
RYB(145, 136, 76) contains.

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Color

R_YB(145, 136, 76)

Conversions

Conversions Part 1

Format	Color
Hex	916C4C
RGB	145, 108, 76
RGB Percent	57%, 42%, 30%
CMY	0.4314, 0.5761, 0.7020
CMYK	0.00, 0.25, 0.48, 0.43
HSL	28°, 31%, 43%
HSV	28°, 48%, 57%
XYZ	18.3539, 17.2863, 9.2067
YIQ	115.4150, 32.3240, -2.1080

Conversions

Conversions Part 2

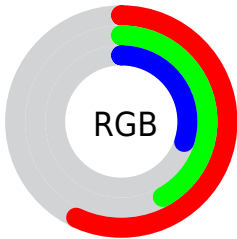
Format	Color
RYB	145, 136, 76
Decimal	9530444
CIELab	48.62, 10.47, 23.63
CIELCh	49, 25.845, 66.096
Yxy	17.2863, 0.4093, 0.3855
Android (android.graphics.Color)	4287720524 (0xFF916C4C)
YUV	115.4150, -19.4316, 25.9460
Hunter-Lab	41.5768, 6.0388, 15.9747




Details

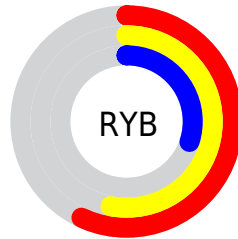
The RYB color **145, 136, 76** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **76, 100, 145**, and the grayscale version is **116, 116, 116**.




A 20% lighter version of the original color is **201, 187, 125**, and **92, 90, 31** is the 20% darker color. If you saturate the color by 10%, you get **145, 132, 62**, and if you desaturate by 10%, it is **145, 138, 91**.

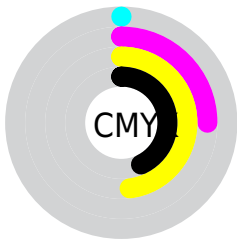
Distribution







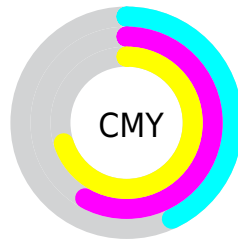
-  Red (57%)
-  Green (42%)
-  Blue (30%)






-  Red (57%)
-  Yellow (53%)
-  Blue (30%)



-  Cyan (0%)
-  Magenta (25%)
-  Yellow (48%)
-  Black (43%)




-  Cyan (43%)
-  Magenta (58%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 136, 76 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 145, 136, 76 by changing the saturation by 10% instead.

 145, 136, 76  145, 136, 76

255, 255, 255  118, 112, 53

 201, 190, 125  92, 90, 31

 229, 218, 151  61, 67, 8

 255, 246, 178  43, 31, 0

 222, 255, 206  12, 0, 0

 234, 255, 234  0, 0, 0

 145, 136, 76  145, 136, 76

 145, 132, 62  145, 138, 91

 145, 134, 47  145, 141, 105

■ 145, 130, 33

■ 145, 141, 119

■ 145, 128, 18

■ 145, 143, 134

■ 145, 125, 4

■ 145, 146, 148

■ 145, 125, 0

■ 145, 151, 163

■ 145, 156, 177

■ 145, 161, 192

■ 145, 167, 207

Harmonies

Analogous

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



157, 104, 91



145, 136, 76



84, 126, 72

Triad

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



145, 136, 76



50, 91, 127



124, 108, 151

Complementary

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



145, 136, 76



76, 100, 145

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.



92, 110, 159



145, 136, 76



36, 84, 140

Square

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



145, 136, 76



76, 111, 126



58, 97, 155



147, 101, 134

Rectangle

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



145, 136, 76



76, 120, 85



58, 97, 155



114, 111, 155

Sweetspot

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



145, 136, 76



189, 187, 162



145, 76, 114



94, 94, 78



222, 222, 222



94, 94, 94

Same Dimension

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



145, 136, 76



189, 174, 81



79, 145, 76



69, 71, 64



135, 118, 0



8, 8, 0

Inverse Universe

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



76, 100, 145



81, 119, 189



76, 79, 145



64, 67, 71



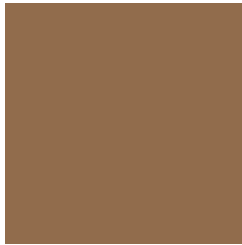
0, 47, 135



0, 3, 8

Previews

White Background



This preview shows how the RYB color 145, 136, 76 looks on a white background.

Color Contrast Check

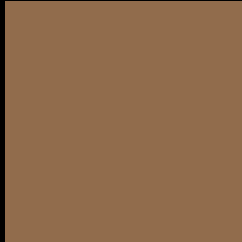
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 145, 136, 76 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

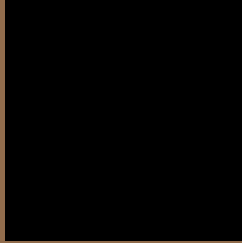
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYP 145, 136, 76 Background



This preview shows how black text looks on a background with the RYP color 145, 136, 76.



This preview shows how white text looks on a background with the RYP color 145, 136, 76.

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


145, 136, 76

Protanopia

90, 125, 79

Deuteranopia

125, 139, 75



Tritanopia
148, 104, 111

Trichromacy



Original Color
145, 136, 76

Protanomaly
107, 132, 78

Deuteranomaly
133, 141, 75

Tritanomaly
147, 106, 98

Monochromacy



Original Color
145, 136, 76

Achromatopsia
115, 115, 115

Achromatomaly
126, 121, 101

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 136, 76 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(145, 108, 76)` looks like.

```
.text, #text, p{  
    color:rgb(145, 108, 76)  
}
```

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(145, 108, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 108, 76) }
```

Border

The CSS property to change the border of an element to RYB 145, 136, 76 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(145, 108, 76) }
```

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

```
.border{ border-color:rgb(145, 108, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 108, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 108, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 108, 76);  
box-shadow:4px 4px 4px 4px rgb(145, 108,  
76) }
```

Background

The CSS property to change the background color of an element to RYB 145, 136, 76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 108, 76) }
```

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

```
.background{ background-color: rgb(145,  
108, 76) }
```

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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