

Converting Colors

`RYB(136, 190, 114)`

Have a look what the booklet for
RYB(136, 190, 114) contains.

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Color

R_YB(136, 190, 114)

Conversions

Conversions Part 1

Format	Color
Hex	BEAD72
RGB	190, 173, 114
RGB Percent	75%, 68%, 45%
CMY	0.2549, 0.3218, 0.5529
CMYK	0.00, 0.09, 0.40, 0.25
HSL	47°, 37%, 60%
HSV	47°, 40%, 75%
XYZ	39.2043, 42.0257, 21.9651
YIQ	171.3570, 29.0710, -14.7450

Conversions

Conversions Part 2

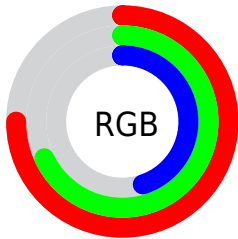
Format	Color
RYB	136, 190, 114
Decimal	12496242
CIELab	70.89, -2.33, 32.51
CIELCh	71, 32.594, 94.094
Yxy	42.0257, 0.3799, 0.4072
Android (android.graphics.Color)	4290686322 (0xFFBEAD72)
YUV	171.3570, -28.2770, 16.3499
Hunter-Lab	64.8272, -5.4997, 25.2902

Details

The RYB color **136, 190, 114** is a light color, and the websafe version is hex **999966**. A complement of this color would be **114, 128, 190**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **192, 247, 167**, and **83, 135, 65** is the 20% darker color. If you saturate the color by 10%, you get **122, 190, 95**, and if you desaturate by 10%, it is **150, 190, 133**.

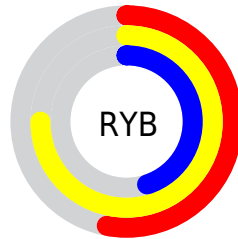
Distribution



Red (75%)

Green (68%)

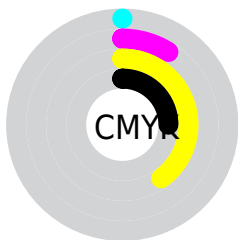
Blue (45%)



Red (53%)

Yellow (75%)

Blue (45%)

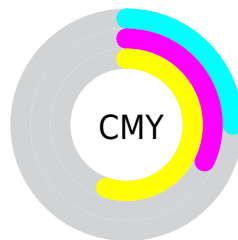


Cyan (0%)

Magenta (9%)

Yellow (40%)

Black (25%)



Cyan (25%)

Magenta (32%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 190, 114 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 136, 190, 114 by changing the saturation by 10% instead.

 136, 190, 114


255, 255, 255

 192, 247, 167


 194, 255, 194

 222, 255, 222

 251, 255, 251


 136, 190, 114

 109, 162, 89

 83, 135, 65

 57, 109, 41

 30, 83, 18


 11, 59, 0

 7, 35, 0

 0, 5, 5

 0, 0, 0

 136, 190, 114

 136, 190, 114

■ 122, 190, 95

■ 150, 190, 133

■ 110, 190, 76

■ 164, 190, 152

■ 96, 190, 57

■ 176, 190, 171

■ 82, 190, 38

■ 190, 190, 190

■ 68, 190, 19

■ 190, 193, 209

■ 56, 190, 0

■ 190, 197, 228

■ 190, 201, 247

■ 190, 203, 255

■ 190, 206, 255

Harmonies

Analogous

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



215, 197, 121



136, 190, 114



124, 182, 148

Triad

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



136, 190, 114



73, 135, 206



215, 155, 200

Complementary

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



136, 190, 114



114, 128, 190

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.



183, 164, 223



136, 190, 114



96, 148, 226

Square

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



136, 190, 114



89, 143, 190



140, 165, 232



231, 151, 170

Rectangle

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



136, 190, 114



135, 183, 186



140, 165, 232



206, 158, 209

Sweetspot

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



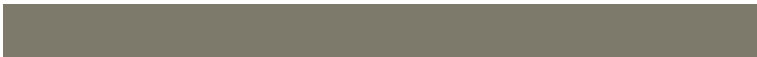
136, 190, 114



226, 247, 218



190, 114, 132



112, 125, 107



252, 252, 252



125, 125, 125

Same Dimension

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



136, 190, 114



162, 247, 129



114, 190, 134



88, 94, 85



45, 158, 0



9, 31, 0

Inverse Universe

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



114, 128, 190



129, 150, 247



134, 114, 190



85, 87, 94



0, 29, 158



0, 6, 31

Previews

White Background



This preview shows how the RYB color 136, 190, 114 looks on a white background.

Color Contrast Check

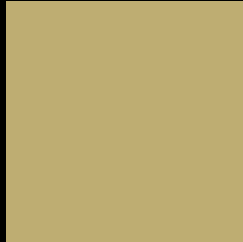
Large Text (above 18pt) WCAG AA × Fail

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 136, 190, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

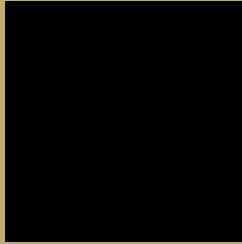
Any Text WCAG AA ✓ Pass

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 136, 190, 114 Background



This preview shows how black text looks on a background with the RYB color 136, 190, 114.



This preview shows how white text looks on a background with the RYB color 136, 190, 114.

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
136, 190, 114

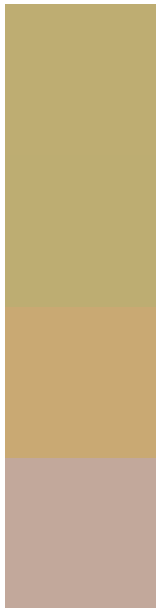
Protanopia
133, 188, 114

Deuteranopia
192, 208, 115



Tritanopia
197, 165, 178

Trichromacy



Original Color

136, 190, 114

Protanomaly

134, 189, 114

Deuteranomaly

166, 201, 115

Tritanomaly

194, 175, 155

Monochromacy



Original Color

136, 190, 114

Achromatopsia

171, 171, 171

Achromatomaly

158, 178, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 190, 114 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(190, 173, 114)` looks like.

```
.text, #text, p{  
    color:rgb(190, 173, 114)  
}
```

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(190, 173, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 173, 114) }
```

Border

The CSS property to change the border of an element to RYB 136, 190, 114 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(190, 173, 114) }
```

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

```
.border{ border-color:rgb(190, 173, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 173, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 173, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 173, 114);  
box-shadow:4px 4px 4px 4px rgb(190, 173,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 136, 190, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 173, 114) }
```

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

```
.background{ background-color: rgb(190,  
173, 114) }
```

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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