

Converting Colors

`RYB(130, 150, 146)`

Have a look what the booklet for
RYB(130, 150, 146) contains.

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Color

R_YB(130, 150, 146)

Conversions

Conversions Part 1

Format	Color
Hex	869682
RGB	134, 150, 130
RGB Percent	53%, 59%, 51%
CMY	0.4745, 0.4118, 0.4902
CMYK	0.11, 0.00, 0.13, 0.41
HSL	108°, 9%, 55%
HSV	108°, 13%, 59%
XYZ	24.7671, 28.4927, 25.3134
YIQ	142.9360, -3.1160, -9.6120

Conversions

Conversions Part 2

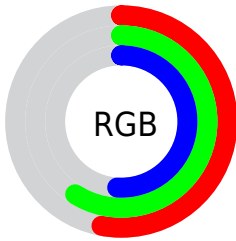
Format	Color
R_{YB}	130, 150, 146
Decimal	8820354
CIE _{Lab}	60.33, -9.65, 8.63
CIE _{LCh}	60, 12.947, 138.209
Yxy	28.4927, 0.3152, 0.3626
Android (android.graphics.Color)	4287010434 (0xFF869682)
YUV	142.9360, -6.3774, -7.8369
Hunter-Lab	53.3786, -10.5903, 9.2483

Details

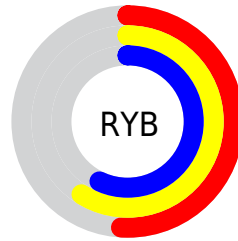
The RYB color **130, 150, 146** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **146, 130, 150**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **183, 204, 200**, and **81, 99, 96** is the 20% darker color. If you saturate the color by 10%, you get **115, 150, 143**, and if you desaturate by 10%, it is **145, 150, 149**.

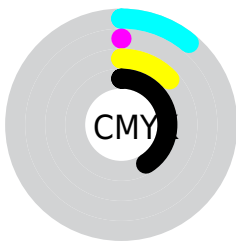
Distribution



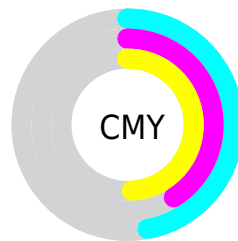
- Red (53%)
- Green (59%)
- Blue (51%)



- Red (51%)
- Yellow (59%)
- Blue (57%)



- Cyan (11%)
- Magenta (0%)
- Yellow (13%)
- Black (41%)



- Cyan (47%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 150, 146 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 130, 150, 146 by changing the saturation by 10% instead.

■ 130, 150, 146

255, 255, 255

■ 183, 204, 200

■ 211, 232, 228

■ 239, 255, 251

■ 130, 150, 146

■ 105, 124, 120

■ 81, 99, 96

■ 58, 75, 72

■ 36, 53, 50

■ 15, 31, 27

■ 0, 2, 2

■ 0, 0, 0

■ 130, 150, 146


■ 115, 150, 143


■ 130, 150, 146


■ 145, 150, 149


 100, 150, 140


 158, 150, 160

 85, 150, 137


 170, 150, 175

 70, 150, 134


 182, 150, 190

 55, 150, 131


 194, 150, 205


 40, 150, 128

 206, 150, 220

 25, 150, 125

 218, 150, 235

 10, 150, 122

 230, 150, 250

 0, 150, 120

 242, 150, 255

Harmonies

Analogous

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



124, 147, 124



130, 150, 146



123, 141, 152

Triad

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



130, 150, 146



128, 141, 167



170, 138, 139

Complementary

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



130, 150, 146



146, 130, 150

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.



166, 138, 150



130, 150, 146



142, 144, 167

Square

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



130, 150, 146



118, 137, 162



156, 140, 161



167, 144, 129

Rectangle

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



130, 150, 146



118, 136, 152



156, 140, 161



169, 138, 143

Sweetspot

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



130, 150, 146



186, 194, 192



135, 150, 130



92, 97, 96



224, 224, 224



97, 97, 97

Same Dimension

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



130, 150, 146



163, 194, 188



130, 145, 150



67, 74, 73



0, 138, 110



0, 10, 8

Inverse Universe

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



146, 130, 150



188, 163, 194



150, 130, 144



72, 67, 74



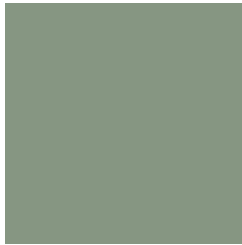
110, 0, 138



8, 0, 10

Previews

White Background



This preview shows how the RYB color 130, 150, 146 looks on a white background.

Color Contrast Check

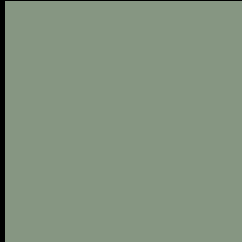
Large Text (above 18pt) WCAG AA ✓ Pass

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 130, 150, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

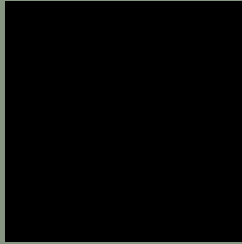
Any Text WCAG AA ✓ Pass

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](#).

RYP 130, 150, 146 Background



This preview shows how black text looks on a background with the RYB color 130, 150, 146.



This preview shows how white text looks on a background with the RYB color 130, 150, 146.

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
130, 150, 146

Protanopia
137, 152, 127

Deuteranopia
164, 143, 132



Tritanopia

138, 144, 158

Trichromacy



Original Color

130, 150, 146

Protanomaly

128, 147, 130

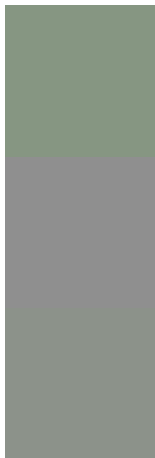
Deuteranomaly

146, 153, 131

Tritanomaly

137, 142, 148

Monochromacy



Original Color

130, 150, 146

Achromatopsia

143, 143, 143

Achromatomaly

138, 146, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 150, 146 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(134, 150, 130)` looks like.

```
.text, #text, p{  
    color:rgb(134, 150, 130)  
}
```

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(134, 150, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 150, 130) }
```

Border

The CSS property to change the border of an element to RYB 130, 150, 146 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(134, 150, 130) }
```

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

```
.border{ border-color:rgb(134, 150, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 150, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 150, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 150, 130); box-shadow:4px 4px 4px 4px rgb(134, 150, 130) }
```

Background

The CSS property to change the background color of an element to RYB 130, 150, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 150, 130) }
```

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

```
.background{ background-color: rgb(134,  
150, 130) }
```

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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