

Converting Colors

`RYB(136, 158, 164)`

Have a look what the booklet for
RYB(136, 158, 164) contains.

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Color

R_YB(136, 158, 164)

Conversions

Conversions Part 1

Format	Color
Hex	88A490
RGB	136, 164, 144
RGB Percent	53%, 64%, 56%
CMY	0.4667, 0.3569, 0.4367
CMYK	0.17, 0.00, 0.12, 0.36
HSL	136°, 13%, 59%
HSV	136°, 17%, 64%
XYZ	28.4351, 33.7877, 31.2631
YIQ	153.3480, -10.2680, -12.1560

Conversions

Conversions Part 2

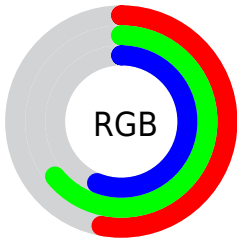
Format	Color
RYB	136, 158, 164
Decimal	8955024
CIELab	64.79, -13.84, 7.36
CIElCh	65, 15.675, 152.011
Yxy	33.7877, 0.3042, 0.3614
Android (android.graphics.Color)	4287145104 (0xFF88A490)
YUV	153.3480, -4.6086, -15.2142
Hunter-Lab	58.1272, -14.4026, 8.8005

Details

The RYB color **136, 158, 164** is a light color, and the websafe version is hex **669999**. A complement of this color would be **164, 136, 156**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **190, 213, 219**, and **86, 106, 112** is the 20% darker color. If you saturate the color by 10%, you get **120, 155, 164**, and if you desaturate by 10%, it is **152, 161, 164**.

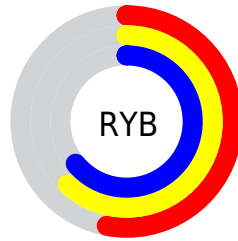
Distribution



Red (53%)

Green (64%)

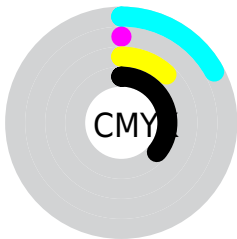
Blue (56%)



Red (53%)

Yellow (62%)

Blue (64%)

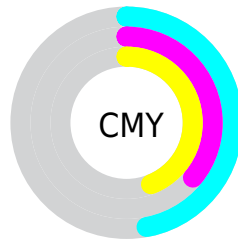


Cyan (17%)

Magenta (0%)

Yellow (12%)

Black (36%)



Cyan (47%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 158, 164 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, 158, 164 by changing the saturation by 10% instead.

 136, 158, 164

255, 255, 255


 190, 213, 219

 217, 242, 248

 246, 251, 255

 136, 158, 164

 110, 132, 138

 86, 106, 112

 62, 82, 88

 40, 59, 64

 18, 35, 42

 0, 23, 23

 0, 0, 0

 136, 158, 164


 120, 155, 164

 136, 158, 164


 152, 161, 164


 103, 151, 164


 169, 164, 167

 87, 148, 164


 185, 164, 179


 70, 144, 164


 202, 164, 191


 54, 140, 164

 218, 164, 203

 38, 137, 164

 234, 164, 215

 21, 133, 164

 251, 164, 227

 5, 130, 164

 255, 164, 239

 0, 129, 164

 255, 164, 251

Harmonies

Analogous

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



133, 161, 142



136, 158, 164



124, 146, 165

Triad

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



136, 158, 164



143, 154, 185



186, 149, 143

Complementary

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



136, 158, 164



164, 136, 156

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.



185, 147, 157



136, 158, 164



161, 153, 181

Square

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



136, 158, 164



127, 148, 181



176, 149, 171



180, 165, 133

Rectangle

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



136, 158, 164



120, 143, 167



176, 149, 171



187, 148, 147

Sweetspot

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



136, 158, 164



203, 212, 214



136, 164, 143



101, 106, 107



235, 235, 235



107, 107, 107

Same Dimension

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



136, 158, 164



171, 205, 214



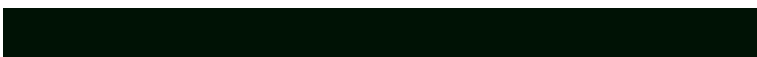
136, 152, 164



73, 80, 82



0, 114, 145



0, 14, 18

Inverse Universe

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



164, 136, 156



214, 171, 203



164, 136, 143



82, 73, 79



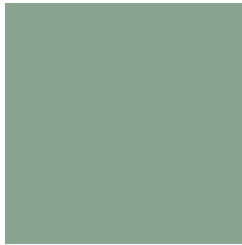
145, 0, 106



18, 0, 13

Previews

White Background



This preview shows how the RYB color 136, 158, 164 looks on a white background.

Color Contrast Check

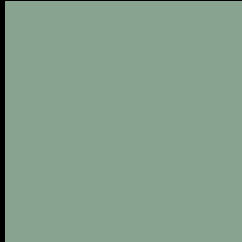
Large Text (above 18pt) WCAG AA × Fail

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, 158, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

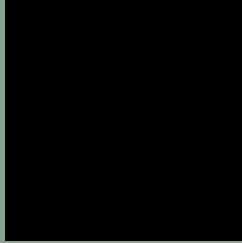
Any Text WCAG AA ✓ Pass

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, 158, 164 Background



This preview shows how black text looks on a background with the RYB color 136, 158, 164.



This preview shows how white text looks on a background with the RYB color 136, 158, 164.

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](#).

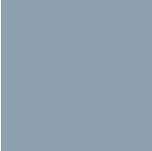
Dichromacy



Original Color
136, 158, 164

Protanopia
152, 164, 140

Deuteranopia
176, 152, 146



Tritanopia

141, 153, 173

Trichromacy



Original Color
136, 158, 164

Protanomaly
141, 159, 146

Deuteranomaly
152, 161, 145

Tritanomaly
139, 150, 162

Monochromacy



Original Color
136, 158, 164

Achromatopsia
153, 153, 153

Achromatomaly
147, 155, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 158, 164 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(136, 164, 144)` looks like.

```
.text, #text, p{  
    color:rgb(136, 164, 144)  
}
```

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(136, 164, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 164, 144) }
```

Border

The CSS property to change the border of an element to RYB 136, 158, 164 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(136, 164, 144) }
```

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

```
.border{ border-color:rgb(136, 164, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 164, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 164, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 164, 144);  
box-shadow:4px 4px 4px 4px rgb(136, 164,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 136, 158, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 164, 144) }
```

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

```
.background{ background-color: rgb(136,  
164, 144) }
```

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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