

Converting Colors

`RYB(104, 146, 160)`

Have a look what the booklet for
RYB(104, 146, 160) contains.

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Color

`RYB(104, 146, 160)`

Conversions

Conversions Part 1

Format	Color
Hex	68A07B
RGB	104, 160, 123
RGB Percent	41%, 63%, 48%
CMY	0.5922, 0.3725, 0.5190
CMYK	0.35, 0.00, 0.23, 0.37
HSL	140°, 23%, 52%
HSV	140°, 35%, 63%
XYZ	21.8340, 29.5064, 23.1742
YIQ	139.0380, -21.4990, -23.3790

Conversions

Conversions Part 2

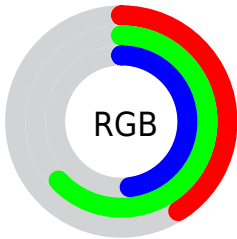
Format	Color
RYB	104, 146, 160
Decimal	6856827
CIELab	61.23, -26.65, 13.74
CIELCh	61, 29.982, 152.730
Yxy	29.5064, 0.2930, 0.3960
Android (android.graphics.Color)	4285046907 (0xFF68A07B)
YUV	139.0380, -7.9067, -30.7283
Hunter-Lab	54.3198, -23.3109, 12.7292

Details

The RYB color **104, 146, 160** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **160, 104, 141**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **157, 201, 215**, and **54, 93, 108** is the 20% darker color. If you saturate the color by 10%, you get **88, 142, 160**, and if you desaturate by 10%, it is **120, 150, 160**.

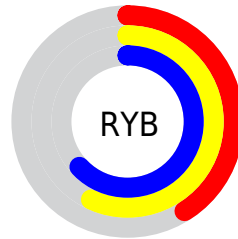
Distribution



Red (41%)

Green (63%)

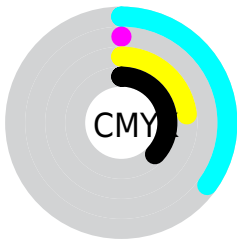
Blue (48%)



Red (41%)

Yellow (57%)

Blue (63%)

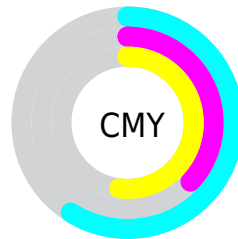


Cyan (35%)

Magenta (0%)

Yellow (23%)

Black (37%)



Cyan (59%)


Magenta (37%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 104, 146, 160 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 104, 146, 160 by changing the saturation by 10% instead.

 104, 146, 160


255, 255, 255


 157, 201, 215

 184, 230, 244

 212, 242, 255

 241, 248, 255

 104, 146, 160

 79, 120, 134

 54, 93, 108

 28, 67, 83


 0, 40, 60


 0, 33, 38

 0, 8, 8


 0, 0, 0

 104, 146, 160


 88, 142, 160

 104, 146, 160


 120, 150, 160

 72, 138, 160


 136, 154, 160

 56, 134, 160

 152, 158, 160


 40, 130, 160

 168, 160, 165

 24, 126, 160


 184, 160, 176

 8, 122, 160

 200, 160, 187

 0, 120, 160

 216, 160, 197

 232, 160, 208

 248, 160, 219

Harmonies

Analogous

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



102, 155, 122



104, 146, 160



73, 121, 162

Triad

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



104, 146, 160



115, 139, 200



199, 131, 120

Complementary

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



104, 146, 160



160, 104, 141

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.



199, 128, 146



104, 146, 160



154, 140, 192

Square

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



104, 146, 160



75, 124, 194



183, 132, 173



186, 167, 101

Rectangle

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



104, 146, 160



57, 111, 167



183, 132, 173



200, 129, 129

Sweetspot

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



104, 146, 160



186, 203, 209



104, 160, 123



91, 102, 105



232, 232, 232



105, 105, 105

Same Dimension

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



104, 146, 160



121, 187, 209



104, 135, 160



71, 77, 79



0, 107, 143



0, 11, 15

Inverse Universe

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



160, 104, 141



209, 121, 180



160, 104, 113



79, 71, 76



143, 0, 95



15, 0, 10

Previews

White Background



This preview shows how the RYB color 104, 146, 160 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 104, 146, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

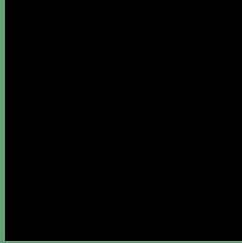
Any Text WCAG AA ✓ Pass

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](#).

RYB 104, 146, 160 Background



This preview shows how black text looks on a background with the RYB color 104, 146, 160.

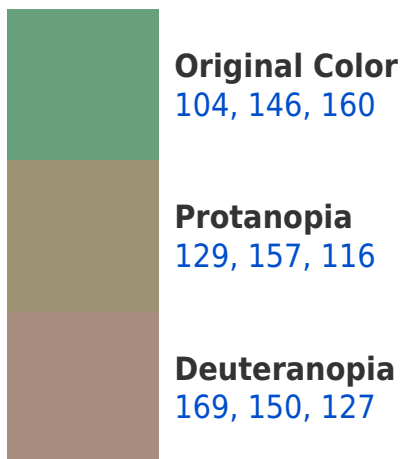


This preview shows how white text looks on a background with the RYB color 104, 146, 160.

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





Tritanopia
113, 136, 167

Trichromacy



Original Color
104, 146, 160

Protanomaly
118, 152, 132

Deuteranomaly
125, 149, 129

Tritanomaly
110, 134, 156

Monochromacy



Original Color
104, 146, 160

Achromatopsia
139, 139, 139

Achromatomaly
126, 142, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 104, 146, 160 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(104, 160, 123)` looks like.

```
.text, #text, p{  
    color:rgb(104, 160, 123)  
}
```

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(104, 160, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 160, 123) }
```

Border

The CSS property to change the border of an element to RYB 104, 146, 160 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(104, 160, 123) }
```

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

```
.border{ border-color:rgb(104, 160, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 160, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 160, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 160, 123);  
box-shadow:4px 4px 4px 4px rgb(104, 160,  
123) }
```

Background

The CSS property to change the background color of an element to RYB 104, 146, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 160, 123) }
```

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

```
.background{ background-color: rgb(104,  
160, 123) }
```

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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