

Converting Colors

`RYB(104, 162, 147)`

Have a look what the booklet for
RYB(104, 162, 147) contains.

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Color

R_YB(104, 162, 147)

Conversions

Conversions Part 1

Format	Color
Hex	77A268
RGB	119, 162, 104
RGB Percent	47%, 64%, 41%
CMY	0.5333, 0.3647, 0.5922
CMYK	0.27, 0.00, 0.36, 0.36
HSL	104°, 24%, 52%
HSV	104°, 36%, 64%
XYZ	23.0268, 30.7621, 17.8207
YIQ	142.5310, -7.0100, -27.1540

Conversions

Conversions Part 2

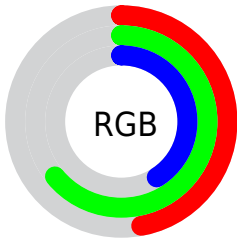
Format	Color
RYB	104, 162, 147
Decimal	7840360
CIELab	62.31, -25.83, 25.61
CIELCh	62, 36.373, 135.243
Yxy	30.7621, 0.3216, 0.4296
Android (android.graphics.Color)	4286030440 (0xFF77A268)
YUV	142.5310, -18.9958, -20.6367
Hunter-Lab	55.4636, -22.9535, 19.7743

Details

The RYB color **104, 162, 147** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **147, 104, 162**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **156, 217, 201**, and **56, 110, 97** is the 20% darker color. If you saturate the color by 10%, you get **88, 162, 143**, and if you desaturate by 10%, it is **120, 162, 151**.

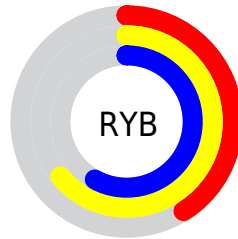
Distribution



Red (47%)

Green (64%)

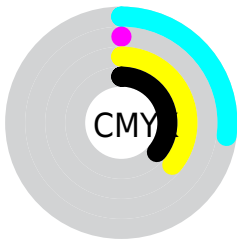
Blue (41%)



Red (41%)

Yellow (64%)

Blue (58%)

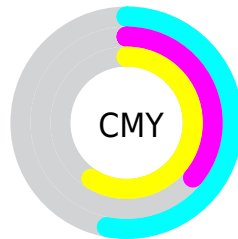


Cyan (27%)

Magenta (0%)

Yellow (36%)

Black (36%)



Cyan (53%)


Magenta (36%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 104, 162, 147 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, 162, 147 by changing the saturation by 10% instead.

 104, 162, 147

255, 255, 255


 156, 217, 201

 183, 246, 229

 211, 255, 237


 239, 255, 239

 104, 162, 147

 79, 136, 122

 56, 110, 97


 33, 85, 74


 11, 62, 54


 0, 40, 40


 0, 15, 15

 0, 0, 0

 104, 162, 147

 88, 162, 143

 104, 162, 147

 120, 162, 151

■ 72, 162, 139

■ 136, 162, 155

■ 55, 162, 134

■ 153, 162, 160

■ 39, 162, 130

■ 167, 162, 169

■ 23, 162, 126

■ 179, 162, 185

■ 7, 162, 122

■ 191, 162, 201

■ 0, 162, 120

■ 203, 162, 217

■ 215, 162, 234

■ 227, 162, 250

Harmonies

Analogous

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



88, 155, 87



104, 162, 147



77, 132, 167

Triad

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



104, 162, 147



72, 125, 212



213, 126, 135

Complementary

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



104, 162, 147



147, 104, 162

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.



203, 127, 168



104, 162, 147



130, 145, 213

Square

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



104, 162, 147



0, 89, 195



175, 136, 196



206, 141, 106

Rectangle

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



104, 162, 147



40, 107, 168



175, 136, 196



212, 125, 146

Sweetspot

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



104, 162, 147



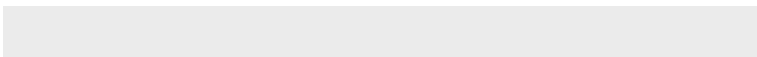
188, 212, 206



124, 162, 104



93, 107, 103



235, 235, 235



107, 107, 107

Same Dimension

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



104, 162, 147



121, 212, 189



104, 151, 162



73, 82, 79



0, 145, 107



0, 18, 13

Inverse Universe

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



147, 104, 162



188, 121, 212



162, 104, 148



79, 73, 82



108, 0, 145



13, 0, 18

Previews

White Background



This preview shows how the RYB color 104, 162, 147 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 104, 162, 147 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](#).

R Y B 104, 162, 147 Background



This preview shows how black text looks on a background with the RYB color 104, 162, 147.

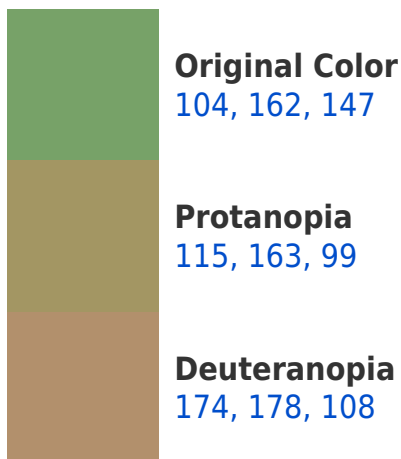


This preview shows how white text looks on a background with the RYB color 104, 162, 147.

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
129, 144, 167

Trichromacy



Original Color
104, 162, 147

Protanomaly
101, 154, 108

Deuteranomaly
114, 157, 107

Tritanomaly
125, 145, 157

Monochromacy



Original Color
104, 162, 147

Achromatopsia
143, 143, 143

Achromatomaly
129, 150, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 104, 162, 147 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(119, 162, 104)` looks like.

```
.text, #text, p{  
    color:rgb(119, 162, 104)  
}
```

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(119, 162, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 162, 104) }
```

Border

The CSS property to change the border of an element to RYB 104, 162, 147 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(119, 162, 104) }
```

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

```
.border{ border-color:rgb(119, 162, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 162, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 162, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 162, 104);  
box-shadow:4px 4px 4px 4px rgb(119, 162,  
104) }
```

Background

The CSS property to change the background color of an element to RYB 104, 162, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 162, 104) }
```

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

```
.background{ background-color: rgb(119,  
162, 104) }
```

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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