

Converting Colors

`RYB(98, 161, 148)`

Have a look what the booklet for
RYB(98, 161, 148) contains.

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Color

R_YB(98, 161, 148)

Conversions

Conversions Part 1

Format	Color
Hex	6FA162
RGB	111, 161, 98
RGB Percent	44%, 63%, 38%
CMY	0.5647, 0.3686, 0.6157
CMYK	0.31, 0.00, 0.39, 0.37
HSL	108°, 25%, 51%
HSV	108°, 39%, 63%
XYZ	21.5050, 29.7511, 16.1644
YIQ	138.8680, -9.5770, -30.1930

Conversions

Conversions Part 2

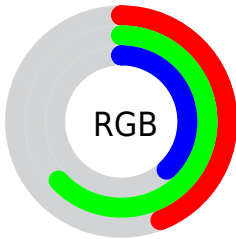
Format	Color
R_{YB}	98, 161, 148
Decimal	7315810
CIE _{Lab}	61.44, -29.11, 27.62
CIE _{LCh}	61, 40.127, 136.512
Yxy	29.7511, 0.3190, 0.4413
Android (android.graphics.Color)	4285505890 (0xFF6FA162)
YUV	138.8680, -20.1479, -24.4402
Hunter-Lab	54.5446, -25.0766, 20.6105

Details

The RYB color **98, 161, 148** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **148, 98, 161**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **149, 216, 201**, and **50, 109, 99** is the 20% darker color. If you saturate the color by 10%, you get **82, 161, 145**, and if you desaturate by 10%, it is **114, 161, 151**.

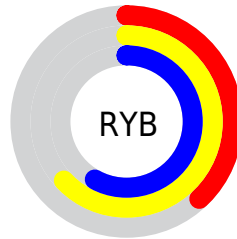
Distribution



Red (44%)

Green (63%)

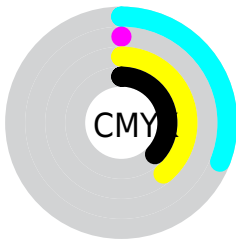
Blue (38%)



Red (38%)

Yellow (63%)

Blue (58%)

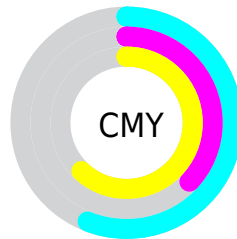


Cyan (31%)

Magenta (0%)

Yellow (39%)

Black (37%)



Cyan (56%)


Magenta (37%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the RYB color 98, 161, 148 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 98, 161, 148 by changing the saturation by 10% instead.

 98, 161, 148


255, 255, 255


 149, 216, 201


 176, 245, 229

 204, 255, 239

 232, 255, 238

 98, 161, 148


 74, 135, 124

 50, 109, 99


 27, 84, 76


 3, 61, 57


 0, 39, 39


 0, 10, 10

 0, 0, 0

 98, 161, 148

 82, 161, 145

 98, 161, 148

 114, 161, 151

■ 66, 161, 142

■ 130, 161, 154

■ 50, 161, 138

■ 146, 161, 158

■ 34, 161, 135

■ 162, 161, 162

■ 18, 161, 132

■ 175, 161, 179

■ 1, 161, 128

■ 188, 161, 195

■ 0, 161, 128

■ 200, 161, 211

■ 213, 161, 227

■ 226, 161, 243

Harmonies

Analogous

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



78, 152, 79



98, 161, 148



59, 123, 166

Triad

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



98, 161, 148



53, 117, 217



216, 120, 130

Complementary

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



98, 161, 148



148, 98, 161

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.



207, 121, 166



98, 161, 148



127, 142, 216

Square

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



98, 161, 148



0, 90, 199



176, 132, 197



208, 139, 98

Rectangle

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



98, 161, 148



0, 87, 167



176, 132, 197



215, 119, 142

Sweetspot

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



98, 161, 148



184, 209, 204



116, 161, 98



90, 105, 102



232, 232, 232



105, 105, 105

Same Dimension

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



98, 161, 148



111, 209, 189



98, 147, 161



73, 82, 80



0, 145, 115



0, 18, 14

Inverse Universe

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



148, 98, 161



189, 111, 209



161, 98, 143



80, 73, 82



115, 0, 145



14, 0, 18

Previews

White Background



This preview shows how the RYB color 98, 161, 148 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 98, 161, 148 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](#).

R Y B 98, 161, 148 Background



This preview shows how black text looks on a background with the R Y B color 98, 161, 148.

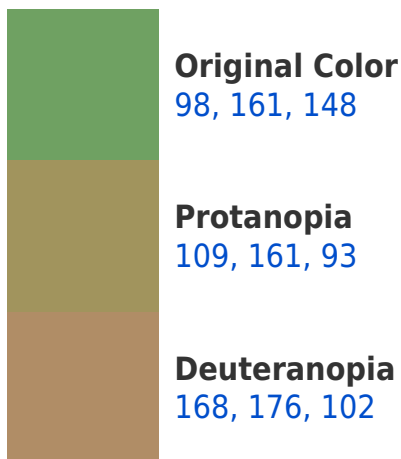



This preview shows how white text looks on a background with the R Y B color 98, 161, 148.

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
123, 141, 165

Trichromacy



Original Color

98, 161, 148

Protanomaly

95, 153, 105

Deuteranomaly

105, 152, 101

Tritanomaly

119, 142, 156

Monochromacy



Original Color

98, 161, 148

Achromatopsia

139, 139, 139

Achromatomaly

124, 147, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 98, 161, 148 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(111, 161, 98)` looks like.

```
.text, #text, p{  
    color:rgb(111, 161, 98)  
}
```

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(111, 161, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 161, 98) }
```

Border

The CSS property to change the border of an element to RYB 98, 161, 148 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(111, 161, 98) }
```

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

```
.border{ border-color:rgb(111, 161, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 161, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 161, 98); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 161, 98); box-shadow:4px 4px 4px 4px rgb(111, 161, 98) }
```

Background

The CSS property to change the background color of an element to RYB 98, 161, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 161, 98) }
```

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

```
.background{ background-color: rgb(111,  
161, 98) }
```

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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