

Converting Colors

`RYB(113, 155, 161)`

Have a look what the booklet for
RYB(113, 155, 161) contains.

RYB(113, 155, 161)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(113, 155, 161)

Conversions

Conversions Part 1

Format	Color
Hex	71A178
RGB	113, 161, 120
RGB Percent	44%, 63%, 47%
CMY	0.5569, 0.3686, 0.5300
CMYK	0.30, 0.00, 0.26, 0.37
HSL	129°, 20%, 54%
HSV	129°, 30%, 63%
XYZ	22.9364, 30.3530, 22.3737
YIQ	141.9740, -15.4470, -22.9270

Conversions

Conversions Part 2

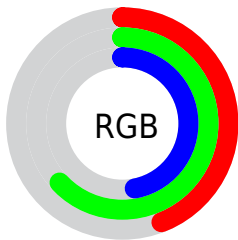
Format	Color
RYB	113, 155, 161
Decimal	7446904
CIELab	61.96, -24.73, 16.39
CIELCh	62, 29.671, 146.470
Yxy	30.3530, 0.3031, 0.4012
Android (android.graphics.Color)	4285636984 (0xFF71A178)
YUV	141.9740, -10.8332, -25.4102
Hunter-Lab	55.0936, -22.1012, 14.4876

Details

The RYB color **113, 155, 161** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **161, 113, 154**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **166, 211, 216**, and **63, 102, 109** is the 20% darker color. If you saturate the color by 10%, you get **97, 153, 161**, and if you desaturate by 10%, it is **129, 157, 161**.

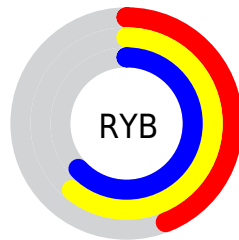
Distribution



Red (44%)

Green (63%)

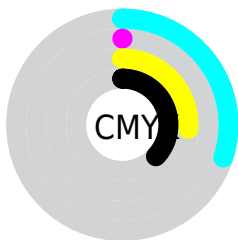
Blue (47%)



Red (44%)

Yellow (61%)

Blue (63%)

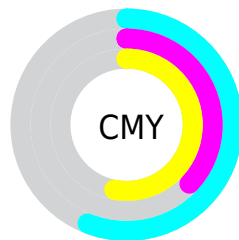


Cyan (30%)

Magenta (0%)

Yellow (26%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 113, 155, 161 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 113, 155, 161 by changing the saturation by 10% instead.

■ 113, 155, 161

255, 255, 255

■ 166, 211, 216

■ 194, 240, 245

■ 222, 250, 255

■ 251, 253, 255

■ 113, 155, 161

■ 97, 153, 161

■ 113, 155, 161

■ 88, 129, 135

■ 63, 102, 109

■ 39, 77, 85

■ 13, 50, 61


■ 0, 37, 39

■ 0, 13, 13


■ 0, 0, 0


■ 113, 155, 161


■ 129, 157, 161


 81, 151, 161


 145, 159, 161

 65, 150, 161


 161, 161, 161


 49, 147, 161

 177, 161, 175

 32, 144, 161


 193, 161, 189

 16, 143, 161

 210, 161, 203

 0, 141, 161

 226, 161, 216

 242, 161, 230

 255, 161, 244

Harmonies

Analogous

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



102, 155, 113



113, 155, 161



82, 128, 164

Triad

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



113, 155, 161



109, 139, 202



201, 131, 128

Complementary

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



113, 155, 161



161, 113, 154

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.



198, 130, 154



113, 155, 161



149, 144, 197

Square

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



113, 155, 161



72, 123, 193



180, 135, 179



191, 156, 107

Rectangle

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



113, 155, 161



65, 115, 164



180, 135, 179



202, 130, 136

Sweetspot

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



113, 155, 161



190, 206, 209



113, 161, 119



93, 103, 105



232, 232, 232



105, 105, 105

Same Dimension

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



113, 155, 161



134, 199, 209



113, 143, 161



73, 80, 82



0, 127, 145



0, 15, 18

Inverse Universe

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



161, 113, 154



209, 134, 198



161, 113, 131



82, 73, 80



145, 0, 125



18, 0, 15

Previews

White Background



This preview shows how the RYB color 113, 155, 161 looks on a white background.

Color Contrast Check

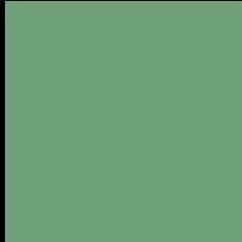
Large Text (above 18pt) WCAG AA × Fail

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 113, 155, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

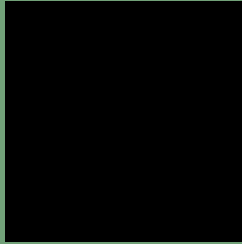
Any Text WCAG AA ✓ Pass

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 113, 155, 161 Background



This preview shows how black text looks on a background with the RYB color 113, 155, 161.

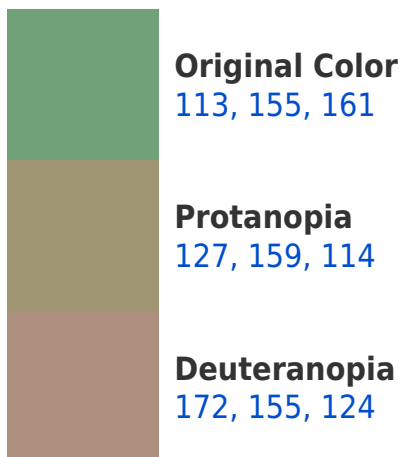



This preview shows how white text looks on a background with the RYB color 113, 155, 161.

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
122, 141, 167

Trichromacy



Original Color
113, 155, 161

Protanomaly
116, 153, 127

Deuteranomaly
123, 151, 122

Tritanomaly
119, 140, 157

Monochromacy



Original Color
113, 155, 161

Achromatopsia
142, 142, 142

Achromatomaly
131, 146, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 113, 155, 161 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(113, 161, 120)` looks like.

```
.text, #text, p{  
    color:rgb(113, 161, 120)  
}
```

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(113, 161, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 161, 120) }
```

Border

The CSS property to change the border of an element to RYB 113, 155, 161 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(113, 161, 120) }
```

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

```
.border{ border-color:rgb(113, 161, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 161, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 161, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 161, 120);  
box-shadow:4px 4px 4px 4px rgb(113, 161,  
120) }
```

Background

The CSS property to change the background color of an element to RYB 113, 155, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 161, 120) }
```

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

```
.background{ background-color: rgb(113,  
161, 120) }
```

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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