

Converting Colors

`RYB(110, 146, 155)`

Have a look what the booklet for
RYB(110, 146, 155) contains.

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Color

`RYB(110, 146, 155)`

Conversions

Conversions Part 1

Format	Color
Hex	6E9B79
RGB	110, 155, 121
RGB Percent	43%, 61%, 47%
CMY	0.5686, 0.3922, 0.5245
CMYK	0.29, 0.00, 0.22, 0.39
HSL	135°, 18%, 52%
HSV	135°, 29%, 61%
XYZ	21.6183, 28.1443, 22.4626
YIQ	137.6690, -15.9060, -20.1140

Conversions

Conversions Part 2

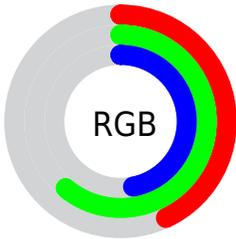
Format	Color
RYB	110, 146, 155
Decimal	7248761
CIELab	60.02, -22.46, 12.89
CIELCh	60, 25.895, 150.145
Yxy	28.1443, 0.2993, 0.3897
Android (android.graphics.Color)	4285438841 (0xFF6E9B79)
YUV	137.6690, -8.2178, -24.2657
Hunter-Lab	53.0512, -20.1011, 12.0316

Details

The RYB color **110, 146, 155** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **155, 110, 144**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **163, 202, 210**, and **60, 95, 104** is the 20% darker color. If you saturate the color by 10%, you get **95, 143, 155**, and if you desaturate by 10%, it is **126, 149, 155**.

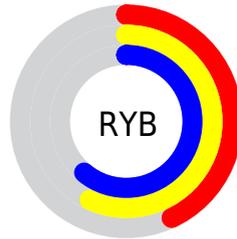
Distribution



Red (43%)

Green (61%)

Blue (47%)



Red (43%)

Yellow (57%)

Blue (61%)

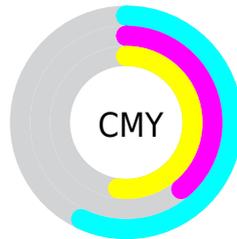


Cyan (29%)

Magenta (0%)

Yellow (22%)

Black (39%)



Cyan (57%)

Magenta (39%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 110, 146, 155 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 110, 146, 155 by changing the saturation by 10% instead.

 110, 146, 155

255, 255, 255

 163, 201, 210

 190, 229, 238

 218, 247, 255

 247, 251, 255

 110, 146, 155

 85, 120, 129

 60, 94, 104

 37, 69, 79

 12, 44, 56

 0, 30, 34

 0, 0, 0

 110, 146, 155

 95, 143, 155

 79, 140, 155

 110, 146, 155

 126, 149, 155

 141, 152, 155

■ 64, 137, 155

■ 157, 155, 156

■ 48, 133, 155

■ 172, 155, 168

■ 33, 131, 155

■ 187, 155, 179

■ 17, 127, 155

■ 203, 155, 191

■ 1, 124, 155

■ 219, 155, 203

■ 0, 124, 155

■ 234, 155, 214

■ 250, 155, 226

Harmonies

Analogous

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



105, 150, 119



110, 146, 155



85, 125, 157

Triad

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



110, 146, 155



115, 137, 190



190, 130, 123

Complementary

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



110, 146, 155



155, 110, 144

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.



188, 128, 145



110, 146, 155



148, 139, 184

Square

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



110, 146, 155



85, 125, 183



174, 131, 168



180, 154, 106

Rectangle

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



110, 146, 155



74, 116, 159



174, 131, 168



191, 128, 130

Sweetspot

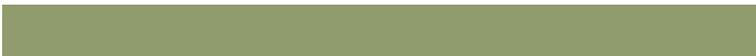
The Sweet Spot groups the original color and five complimentary colors.



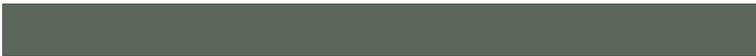
110, 146, 155



183, 197, 201



110, 155, 121



91, 100, 102



230, 230, 230



102, 102, 102

Same Dimension

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



110, 146, 155



131, 187, 201



110, 136, 155



69, 75, 77



0, 112, 140



0, 11, 13

Inverse Universe

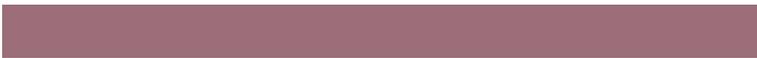
The Inverse Universe completely reimagines the original color for something new.



155, 110, 144



201, 131, 184



155, 110, 121



77, 69, 75



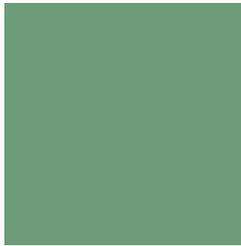
140, 0, 105



13, 0, 10

Previews

White Background



This preview shows how the RYB color 110, 146, 155 looks on a white background.

Color Contrast Check

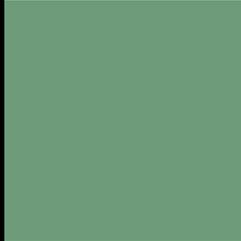
Large Text (above 18pt) WCAG AA ✓ Pass

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 110, 146, 155 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 110, 146, 155 Background



This preview shows how black text looks on a background with the RYB color 110, 146, 155.



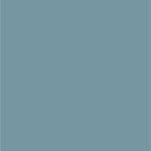
This preview shows how white text looks on a background with the RYB color 110, 146, 155.

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
118, 137, 162

Trichromacy



Original Color

110, 146, 155

Protanomaly

118, 148, 129

Deuteranomaly

124, 145, 124

Tritanomaly

115, 135, 152

Monochromacy



Original Color

110, 146, 155

Achromatopsia

138, 138, 138

Achromatomaly

128, 141, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 110, 146, 155 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(110, 155, 121)` looks like.

```
.text, #text, p{  
    color:rgb(110, 155, 121)  
}
```

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(110, 155, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 155, 121) }
```

Border

The CSS property to change the border of an element to RYB 110, 146, 155 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(110, 155, 121) }
```

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

```
.border{ border-color:rgb(110, 155, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 155, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 155, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 155, 121);  
box-shadow:4px 4px 4px 4px rgb(110, 155,  
121) }
```

Background

The CSS property to change the background color of an element to RYB 110, 146, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 155, 121) }
```

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

```
.background{ background-color: rgb(110,  
155, 121) }
```

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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