

Converting Colors

`RYB(116, 161, 166)`

Have a look what the booklet for
RYB(116, 161, 166) contains.

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Color

R_YB(116, 161, 166)

Conversions

Conversions Part 1

Format	Color
Hex	74A67A
RGB	116, 166, 122
RGB Percent	45%, 65%, 48%
CMY	0.5451, 0.3490, 0.5233
CMYK	0.30, 0.00, 0.27, 0.35
HSL	127°, 22%, 55%
HSV	127°, 30%, 65%
XYZ	24.3240, 32.3796, 23.2362
YIQ	146.0340, -15.6760, -24.2840

Conversions

Conversions Part 2

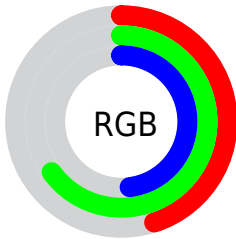
Format	Color
RYB	116, 161, 166
Decimal	7644794
CIELab	63.66, -25.90, 17.82
CIElCh	64, 31.435, 145.468
Yxy	32.3796, 0.3043, 0.4050
Android (android.graphics.Color)	4285834874 (0xFF74A67A)
YUV	146.0340, -11.8488, -26.3398
Hunter-Lab	56.9031, -23.2779, 15.6213

Details

The RYB color **116, 161, 166** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **166, 116, 160**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **169, 216, 221**, and **66, 108, 114** is the 20% darker color. If you saturate the color by 10%, you get **99, 159, 166**, and if you desaturate by 10%, it is **133, 163, 166**.

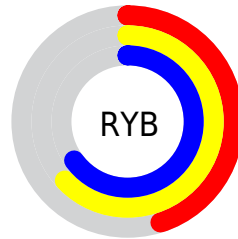
Distribution



Red (45%)

Green (65%)

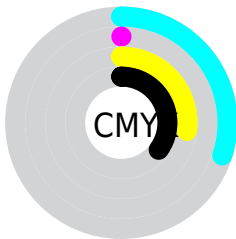
Blue (48%)



Red (45%)

Yellow (63%)

Blue (65%)

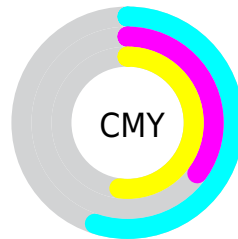


Cyan (30%)

Magenta (0%)

Yellow (27%)

Black (35%)



Cyan (55%)

Magenta (35%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 116, 161, 166 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 116, 161, 166 by changing the saturation by 10% instead.

 116, 161, 166

255, 255, 255


 169, 216, 221

 197, 245, 250


 225, 251, 255


254, 255, 255


 116, 161, 166

 99, 159, 166

 116, 161, 166

 90, 133, 139

 66, 108, 114


 41, 81, 89


 16, 55, 65


 0, 39, 43

 0, 21, 21


 0, 0, 0


 116, 161, 166


 133, 163, 166


 83, 158, 166


 149, 164, 166

 66, 156, 166


 166, 166, 166


 50, 154, 166

 182, 166, 181


 33, 153, 166

 199, 166, 195

 16, 151, 166

 216, 166, 210

 0, 150, 166

 232, 166, 225

 249, 166, 240

 255, 166, 254

Harmonies

Analogous

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



103, 160, 114



116, 161, 166



82, 131, 169

Triad

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



116, 161, 166



109, 142, 210



209, 134, 131

Complementary

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



116, 161, 166



166, 116, 160

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.



205, 133, 160



116, 161, 166



152, 148, 205

Square

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



116, 161, 166



68, 124, 199



186, 139, 186



199, 159, 109

Rectangle

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



116, 161, 166



62, 116, 169



186, 139, 186



210, 133, 141

Sweetspot

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



116, 161, 166



197, 215, 217



116, 166, 121



98, 109, 110



237, 237, 237



110, 110, 110

Same Dimension

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



116, 161, 166



139, 210, 217



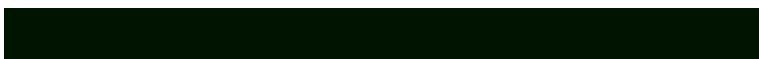
116, 147, 166



76, 83, 84



0, 134, 148



0, 18, 20

Inverse Universe

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



166, 116, 160



217, 139, 208



166, 116, 136



84, 76, 83



148, 0, 131



20, 0, 18

Previews

White Background



This preview shows how the RYB color 116, 161, 166 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 116, 161, 166 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 116, 161, 166 Background



This preview shows how black text looks on a background with the RYB color 116, 161, 166.



This preview shows how white text looks on a background with the RYB color 116, 161, 166.

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



Original Color
116, 161, 166

Protanopia
130, 164, 116

Deuteranopia
178, 166, 125



Tritanopia
125, 145, 172

Trichromacy



Original Color

116, 161, 166

Protanomaly

118, 158, 129

Deuteranomaly

124, 155, 124

Tritanomaly

122, 144, 162

Monochromacy



Original Color

116, 161, 166

Achromatopsia

146, 146, 146

Achromatomaly

135, 151, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 116, 161, 166 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(116, 166, 122)` looks like.

```
.text, #text, p{  
    color:rgb(116, 166, 122)  
}
```

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(116, 166, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 166, 122) }
```

Border

The CSS property to change the border of an element to RYB 116, 161, 166 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(116, 166, 122) }
```

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

```
.border{ border-color:rgb(116, 166, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 166, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 166, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 166, 122); box-shadow:4px 4px 4px 4px rgb(116, 166, 122) }
```

Background

The CSS property to change the background color of an element to RYB 116, 161, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 166, 122) }
```

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

```
.background{ background-color: rgb(116,  
166, 122) }
```

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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