

Converting Colors

`RYB(161, 115, 111)`

Have a look what the booklet for
RYB(161, 115, 111) contains.

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Color

R_YB(161, 115, 111)

Conversions

Conversions Part 1

Format	Color
Hex	A1736F
RGB	161, 115, 111
RGB Percent	63%, 45%, 44%
CMY	0.3686, 0.5502, 0.5647
CMYK	0.00, 0.29, 0.31, 0.37
HSL	4°, 21%, 53%
HSV	4°, 31%, 63%
XYZ	23.6642, 20.9188, 17.8294
YIQ	128.2980, 28.7000, 8.5080

Conversions

Conversions Part 2

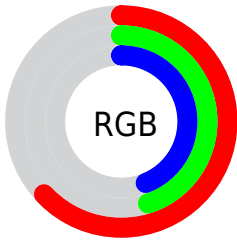
Format	Color
R_{YB}	161, 115, 111
Decimal	10580847
CIE _{Lab}	52.86, 17.74, 9.31
CIE _{LCh}	53, 20.030, 27.688
Yxy	20.9188, 0.3792, 0.3352
Android (android.graphics.Color)	4288770927 (0xFFA1736F)
YUV	128.2980, -8.5279, 28.6797
Hunter-Lab	45.7370, 12.3155, 8.9032

Details

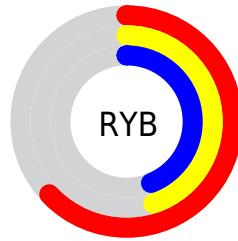
The RYB color **161, 115, 111** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **111, 135, 161**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **217, 167, 163**, and **108, 67, 63** is the 20% darker color. If you saturate the color by 10%, you get **161, 100, 95**, and if you desaturate by 10%, it is **161, 130, 127**.

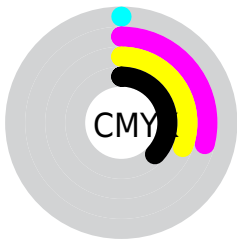
Distribution



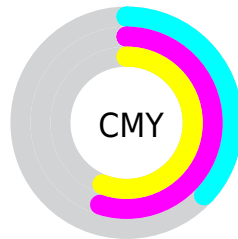
- Red (63%)
- Green (45%)
- Blue (44%)



- Red (63%)
- Yellow (45%)
- Blue (44%)



- Cyan (0%)
- Magenta (29%)
- Yellow (31%)
- Black (37%)




- Cyan (37%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 115, 111 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 161, 115, 111 by changing the saturation by 10% instead.

 161, 115, 111


255, 255, 255


 217, 167, 163

 246, 194, 190


 255, 223, 217

 253, 255, 246

 161, 115, 111

 161, 100, 95

 161, 85, 79

 161, 115, 111

 134, 90, 87


 108, 66, 63


 83, 44, 41


 58, 22, 21

 37, 0, 0


 0, 0, 0

 161, 115, 111


 161, 130, 127

 161, 145, 143


 161, 71, 63

 161, 159, 159


 161, 56, 47


 161, 168, 175


 161, 41, 30


 161, 176, 192

 161, 26, 14

 161, 183, 208

 161, 13, 0

 161, 191, 224

 161, 199, 240

 161, 206, 255

Harmonies

Analogous

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



159, 114, 128



161, 115, 111



154, 132, 98

Triad

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



161, 115, 111



102, 130, 134



103, 120, 160

Complementary

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



161, 115, 111



111, 135, 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.



83, 113, 155



161, 115, 111



85, 114, 136

Square

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



161, 115, 111



95, 130, 103



76, 107, 142



127, 122, 157

Rectangle

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



161, 115, 111



131, 145, 93



76, 107, 142



96, 118, 159

Sweetspot

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



161, 115, 111



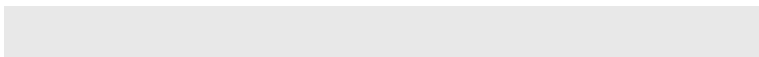
209, 192, 190



161, 111, 158



105, 94, 93



232, 232, 232



105, 105, 105

Same Dimension

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



161, 115, 111



209, 137, 132



150, 161, 111



82, 74, 73



145, 12, 0



18, 1, 0

Inverse Universe

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



111, 135, 161



132, 169, 209



111, 126, 161



73, 77, 82



0, 70, 145



0, 9, 18

Previews

White Background



This preview shows how the RYB color 161, 115, 111 looks on a white background.

Color Contrast Check

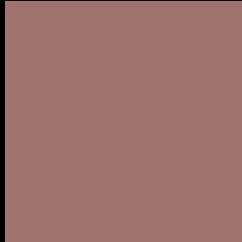
Large Text (above 18pt) WCAG AA ✓ Pass

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 161, 115, 111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

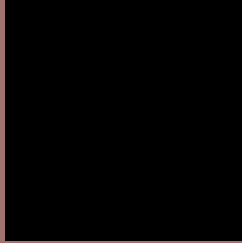
Any Text WCAG AA ✓ Pass

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 161, 115, 111 Background



This preview shows how black text looks on a background with the RYB color 161, 115, 111.



This preview shows how white text looks on a background with the RYB color 161, 115, 111.

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


161, 115, 111

Protanopia

125, 131, 117

Deuteranopia

145, 128, 110



Tritanopia
162, 113, 122

Trichromacy



Original Color

161, 115, 111

Protanomaly

142, 124, 115

Deuteranomaly

151, 122, 110

Tritanomaly

162, 114, 118

Monochromacy



Original Color

161, 115, 111

Achromatopsia

128, 128, 128

Achromatomaly

140, 123, 122

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 115, 111 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(161, 115, 111)` looks like.

```
.text, #text, p{  
    color:rgb(161, 115, 111)  
}
```

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(161, 115, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 115, 111) }
```

Border

The CSS property to change the border of an element to RYB 161, 115, 111 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(161, 115, 111) }
```

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

```
.border{ border-color:rgb(161, 115, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 115, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 115, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 115, 111);  
box-shadow:4px 4px 4px 4px rgb(161, 115,  
111) }
```

Background

The CSS property to change the background color of an element to RYB 161, 115, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 115, 111) }
```

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

```
.background{ background-color: rgb(161,  
115, 111) }
```

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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