

Converting Colors

`RYB(161, 84, 116)`

Have a look what the booklet for
RYB(161, 84, 116) contains.

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Color

$\text{RYB}(161, 84, 116)$

Conversions

Conversions Part 1

Format	Color
Hex	A15474
RGB	161, 84, 116
RGB Percent	63%, 33%, 45%
CMY	0.3686, 0.6706, 0.5451
CMYK	0.00, 0.48, 0.28, 0.37
HSL	335°, 31%, 48%
HSV	335°, 48%, 63%
XYZ	21.0207, 15.1787, 18.3449
YIQ	110.6710, 35.6200, 26.2760

Conversions

Conversions Part 2

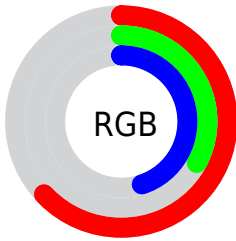
Format	Color
R_{YB}	161, 84, 116
Decimal	10572916
CIE _{Lab}	45.88, 35.66, -3.78
CIE _{LCh}	46, 35.855, 353.954
Yxy	15.1787, 0.3854, 0.2783
Android (android.graphics.Color)	4288762996 (0xFFA15474)
YUV	110.6710, 2.6272, 44.1385
Hunter-Lab	38.9598, 28.1295, -0.6458

Details

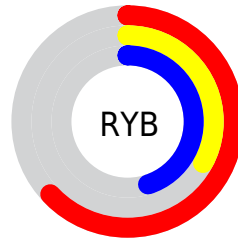
The RYB color **161, 84, 116** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **84, 133, 161**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **218, 136, 168**, and **107, 34, 68** is the 20% darker color. If you saturate the color by 10%, you get **161, 68, 107**, and if you desaturate by 10%, it is **161, 100, 125**.

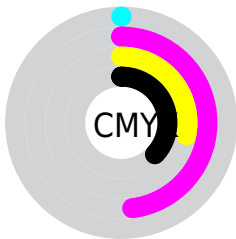
Distribution



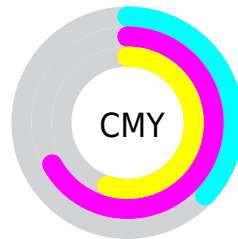
- Red (63%)
- Green (33%)
- Blue (45%)



- Red (63%)
- Yellow (33%)
- Blue (45%)



- Cyan (0%)
- Magenta (48%)
- Yellow (28%)
- Black (37%)



- Cyan (37%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 84, 116 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, 84, 116 by changing the saturation by 10% instead.



161, 84, 116



161, 84, 116

255, 255, 255



134, 59, 91



218, 136, 168



107, 34, 68



247, 162, 195



81, 6, 46



255, 190, 223



56, 0, 25



255, 218, 252



32, 0, 1



255, 247, 255



0, 0, 0



161, 84, 116



161, 84, 116



161, 68, 107



161, 100, 125




161, 52, 97




161, 116, 135


 161, 36, 88


 161, 132, 144


 161, 20, 78


 161, 148, 154


 161, 3, 69


 161, 163, 164

 161, 0, 67

 161, 174, 181

 161, 184, 197

 161, 194, 213

 161, 204, 229

Harmonies

Analogous

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



140, 92, 144



161, 84, 116



165, 85, 86

Triad

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



161, 84, 116



52, 114, 63



0, 68, 156

Complementary

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



161, 84, 116



84, 133, 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.



0, 64, 132



161, 84, 116



66, 115, 120

Square

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



161, 84, 116



87, 132, 47



0, 68, 124



37, 85, 168

Rectangle

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



161, 84, 116



159, 97, 68



0, 68, 124



0, 67, 149

Sweetspot

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



161, 84, 116



209, 180, 192



129, 84, 161



105, 87, 94



232, 232, 232



105, 105, 105

Same Dimension

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



161, 84, 116



209, 90, 139



161, 91, 84



82, 73, 77



145, 0, 60



18, 0, 7

Inverse Universe

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



161, 84, 116



209, 90, 139



84, 121, 161



82, 73, 77



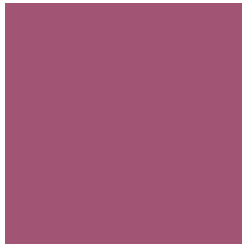
145, 0, 60



18, 0, 7

Previews

White Background



This preview shows how the RYB color 161, 84, 116 looks on a white background.

Color Contrast Check

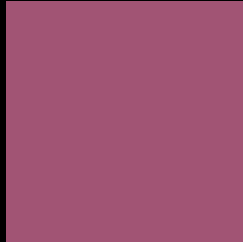
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 161, 84, 116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

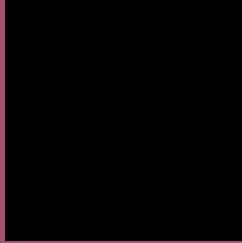
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 161, 84, 116 Background



This preview shows how black text looks on a background with the RYB color 161, 84, 116.



This preview shows how white text looks on a background with the RYB color 161, 84, 116.

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, 84, 116

Protanopia

104, 107, 131

Deuteranopia

118, 106, 112



Tritanopia
159, 88, 95

Trichromacy



Original Color

161, 84, 116

Protanomaly

125, 99, 126

Deuteranomaly

134, 98, 113

Tritanomaly

160, 87, 103

Monochromacy



Original Color

161, 84, 116

Achromatopsia

111, 111, 111

Achromatomaly

129, 101, 113

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 84, 116 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, 84, 116)` looks like.

```
.text, #text, p{  
    color:rgb(161, 84, 116)  
}
```

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, 84, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 84, 116) }
```

Border

The CSS property to change the border of an element to RYB 161, 84, 116 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, 84, 116) }
```

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

```
.border{ border-color:rgb(161, 84, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 84, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 84, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 84, 116);  
box-shadow:4px 4px 4px 4px rgb(161, 84,  
116) }
```

Background

The CSS property to change the background color of an element to RYB 161, 84, 116 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 84, 116) }
```

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

```
.background{ background-color: rgb(161, 84,  
116) }
```

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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