

Converting Colors

`RYB(161, 114, 164)`

Have a look what the booklet for
RYB(161, 114, 164) contains.

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Color

R_YB(161, 114, 164)

Conversions

Conversions Part 1

Format	Color
Hex	A172A4
RGB	161, 114, 164
RGB Percent	63%, 45%, 64%
CMY	0.3686, 0.5529, 0.3569
CMYK	0.02, 0.30, 0.00, 0.36
HSL	296°, 22%, 55%
HSV	296°, 30%, 64%
XYZ	27.4161, 22.2920, 37.9798
YIQ	133.7530, 11.9620, 25.5140

Conversions

Conversions Part 2

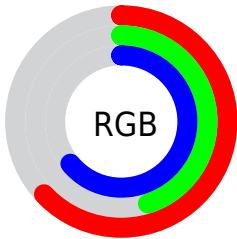
Format	Color
R _Y B	161, 114, 164
Decimal	10580644
CIE Lab	54.34, 27.19, -19.52
CIE LCh	54, 33.473, 324.331
Yxy	22.2920, 0.3127, 0.2542
Android (android.graphics.Color)	4288770724 (0xFFA172A4)
YUV	133.7530, 14.9118, 23.8956
Hunter-Lab	47.2144, 21.0247, -14.6434

Details

The RYB color **161, 114, 164** is a light color, and the websafe version is hex **996699**. A complement of this color would be **114, 164, 161**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **216, 166, 219**, and **109, 65, 112** is the 20% darker color. If you saturate the color by 10%, you get **160, 98, 164**, and if you desaturate by 10%, it is **162, 130, 164**.

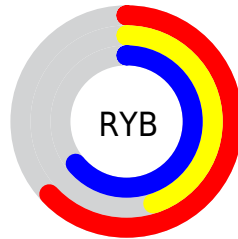
Distribution



Red (63%)

Green (45%)

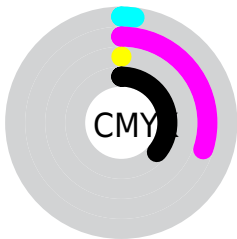
Blue (64%)



Red (63%)

Yellow (45%)

Blue (64%)

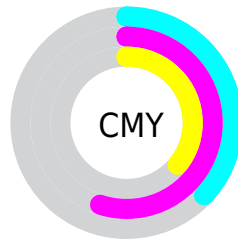


Cyan (2%)

Magenta (30%)

Yellow (0%)

Black (36%)



Cyan (37%)


Magenta (55%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the RYB color 161, 114, 164 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, 114, 164 by changing the saturation by 10% instead.

 161, 114, 164


255, 255, 255

 216, 166, 219

 245, 194, 248

 255, 222, 255


 255, 251, 255

 161, 114, 164

 134, 89, 138

 109, 65, 112

 84, 42, 88

 60, 19, 64


 37, 0, 42

 0, 0, 20

 0, 0, 0

 161, 114, 164


 160, 98, 164

 161, 114, 164

 162, 130, 164

 159, 81, 164


 163, 147, 164

 158, 65, 164


 164, 163, 164

 157, 48, 164

 164, 180, 179

 156, 32, 164

 164, 196, 194

 155, 16, 164

 164, 212, 209

 154, 0, 164

 164, 229, 225

 164, 245, 240

 164, 255, 249

Harmonies

Analogous

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



125, 124, 183



161, 114, 164



181, 107, 137

Triad

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



161, 114, 164



113, 153, 72



0, 74, 153

Complementary

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



161, 114, 164



114, 164, 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.



49, 103, 145



161, 114, 164



76, 135, 86

Square

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



161, 114, 164



175, 133, 84



91, 138, 142



0, 79, 176

Rectangle

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



161, 114, 164



186, 107, 117



91, 138, 142



0, 73, 145

Sweetspot

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



161, 114, 164



213, 195, 214



114, 117, 164



106, 95, 107



235, 235, 235



107, 107, 107

Same Dimension

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



161, 114, 164



209, 135, 214



164, 114, 142



81, 73, 82



137, 0, 145



17, 0, 18

Inverse Universe

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



164, 114, 117



214, 135, 140



114, 149, 164



82, 73, 74



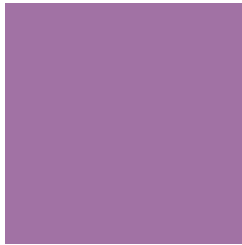
145, 0, 9



18, 0, 1

Previews

White Background



This preview shows how the RYB color 161, 114, 164 looks on a white background.

Color Contrast Check

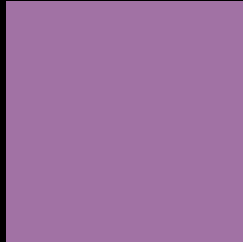
Large Text (above 18pt) WCAG AA ✓ Pass

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, 114, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

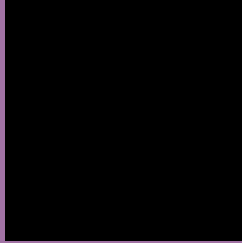
Any Text WCAG AA ✓ Pass

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, 114, 164 Background



This preview shows how black text looks on a background with the RYB color 161, 114, 164.

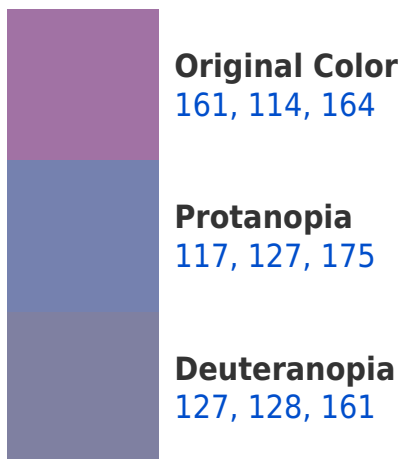



This preview shows how white text looks on a background with the RYB color 161, 114, 164.

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
156, 121, 130

Trichromacy



Original Color
161, 114, 164

Protanomaly
133, 124, 171

Deuteranomaly
139, 123, 162

Tritanomaly
158, 118, 142

Monochromacy



Original Color
161, 114, 164

Achromatopsia
134, 134, 134

Achromatomaly
144, 127, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 114, 164 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, 114, 164)` looks like.

```
.text, #text, p{  
    color:rgb(161, 114, 164)  
}
```

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, 114, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 114, 164) }
```

Border

The CSS property to change the border of an element to RYB 161, 114, 164 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, 114, 164) }
```

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

```
.border{ border-color:rgb(161, 114, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 114, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 114, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 114, 164);  
box-shadow:4px 4px 4px 4px rgb(161, 114,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 161, 114, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 114, 164) }
```

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

```
.background{ background-color: rgb(161,  
114, 164) }
```

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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