

Converting Colors

`RYB(164, 121, 148)`

Have a look what the booklet for
RYB(164, 121, 148) contains.

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Color

R_YB(164, 121, 148)

Conversions

Conversions Part 1

Format	Color
Hex	A47994
RGB	164, 121, 148
RGB Percent	64%, 47%, 58%
CMY	0.3569, 0.5255, 0.4196
CMYK	0.00, 0.26, 0.10, 0.36
HSL	322°, 19%, 56%
HSV	322°, 26%, 64%
XYZ	27.4925, 23.7054, 31.1436
YIQ	136.9350, 16.9610, 17.5130

Conversions

Conversions Part 2

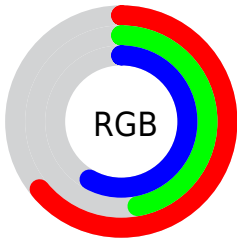
Format	Color
RYB	164, 121, 148
Decimal	10779028
CIELab	55.79, 21.22, -8.00
CIELCh	56, 22.680, 339.356
Yxy	23.7054, 0.3339, 0.2879
Android (android.graphics.Color)	4288969108 (0xFFA47994)
YUV	136.9350, 5.4550, 23.7360
Hunter-Lab	48.6882, 15.5884, -3.8433

Details

The RYB color **164, 121, 148** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **121, 152, 164**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **219, 174, 202**, and **112, 72, 97** is the 20% darker color. If you saturate the color by 10%, you get **164, 105, 142**, and if you desaturate by 10%, it is **164, 137, 154**.

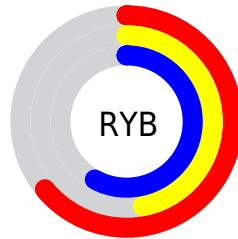
Distribution



Red (64%)

Green (47%)

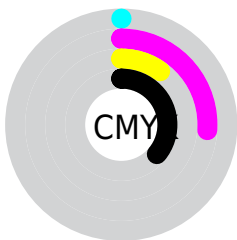
Blue (58%)



Red (64%)

Yellow (47%)

Blue (58%)

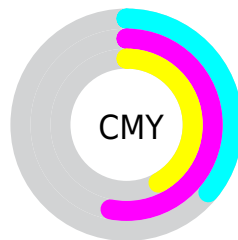


Cyan (0%)

Magenta (26%)

Yellow (10%)

Black (36%)



Cyan (36%)


Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 121, 148 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 164, 121, 148 by changing the saturation by 10% instead.


 164, 121, 148

255, 255, 255

 219, 174, 202

 248, 201, 230


 255, 229, 255

 164, 121, 148

 137, 96, 122

 112, 72, 97

 87, 49, 74

 63, 27, 51


 40, 4, 30

 7, 0, 2

 0, 0, 0

 164, 121, 148

 164, 105, 142


 164, 121, 148

 164, 137, 154

 164, 88, 136

 164, 154, 160


 164, 72, 130

 164, 169, 170

 164, 55, 124

 164, 181, 187

 164, 39, 117

 164, 192, 203

 164, 23, 111

 164, 204, 219

 164, 6, 105

 164, 216, 236

 164, 0, 103

 164, 228, 252

 164, 228, 255

Harmonies

Analogous

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



144, 126, 164



164, 121, 148



173, 119, 128

Triad

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



164, 121, 148



105, 142, 95



75, 112, 158

Complementary

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



164, 121, 148



121, 152, 164

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.



79, 114, 145



164, 121, 148



103, 140, 123

Square

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



164, 121, 148



160, 158, 97



97, 129, 144



91, 121, 170

Rectangle

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



164, 121, 148



173, 122, 115



97, 129, 144



74, 111, 152

Sweetspot

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



164, 121, 148



214, 197, 208



137, 121, 164



107, 96, 103



235, 235, 235



107, 107, 107

Same Dimension

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



164, 121, 148



214, 148, 189



164, 121, 127



82, 73, 79



145, 0, 91



18, 0, 11

Inverse Universe

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



164, 121, 148



214, 148, 189



121, 144, 164



82, 73, 79



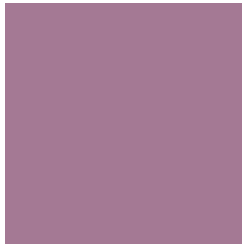
145, 0, 91



18, 0, 11

Previews

White Background



This preview shows how the RYB color 164, 121, 148 looks on a white background.

Color Contrast Check

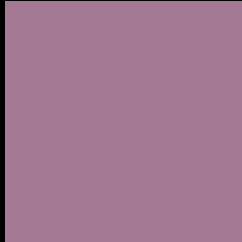
Large Text (above 18pt) WCAG AA ✓ Pass

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 164, 121, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

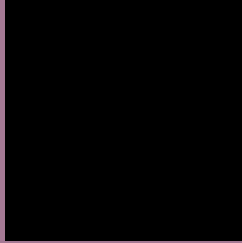
Any Text WCAG AA ✓ Pass

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 164, 121, 148 Background



This preview shows how black text looks on a background with the RYB color 164, 121, 148.



This preview shows how white text looks on a background with the RYB color 164, 121, 148.

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

164, 121, 148

Protanopia

130, 133, 156

Deuteranopia

141, 130, 146



Tritanopia
162, 124, 133

Trichromacy



Original Color
164, 121, 148

Protanomaly
142, 129, 153

Deuteranomaly
149, 127, 147

Tritanomaly
163, 123, 138

Monochromacy



Original Color
164, 121, 148

Achromatopsia
137, 137, 137

Achromatomaly
147, 131, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 121, 148 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(164, 121, 148) looks like.

```
.text, #text, p{  
    color:rgb(164, 121, 148)  
}
```

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(164, 121, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 121, 148) }
```

Border

The CSS property to change the border of an element to RYB 164, 121, 148 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(164, 121, 148) }
```

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

```
.border{ border-color:rgb(164, 121, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 121, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 121, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 121, 148);  
box-shadow:4px 4px 4px 4px rgb(164, 121,  
148) }
```

Background

The CSS property to change the background color of an element to RYB 164, 121, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 121, 148) }
```

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

```
.background{ background-color: rgb(164,  
121, 148) }
```

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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