

Converting Colors

`RYB(160, 73, 130)`

Have a look what the booklet for
RYB(160, 73, 130) contains.

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Color

R_YB(160, 73, 130)

Conversions

Conversions Part 1

Format	Color
Hex	A04982
RGB	160, 73, 130
RGB Percent	63%, 29%, 51%
CMY	0.3725, 0.7137, 0.4902
CMYK	0.00, 0.54, 0.19, 0.37
HSL	321°, 37%, 46%
HSV	321°, 54%, 63%
XYZ	20.9090, 13.8504, 22.6905
YIQ	105.5110, 33.5550, 36.1710

Conversions

Conversions Part 2

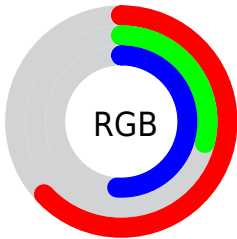
Format	Color
R_{YB}	160, 73, 130
Decimal	10504578
CIE _{Lab}	44.02, 43.14, -15.10
CIE _{LCh}	44, 45.703, 340.713
Yxy	13.8504, 0.3640, 0.2411
Android (android.graphics.Color)	4288694658 (0xFFA04982)
YUV	105.5110, 12.0731, 47.7869
Hunter-Lab	37.2161, 35.1580, -10.0975

Details

The RYB color **160, 73, 130** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **73, 138, 160**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **217, 125, 183**, and **106, 19, 81** is the 20% darker color. If you saturate the color by 10%, you get **160, 57, 124**, and if you desaturate by 10%, it is **160, 89, 136**.

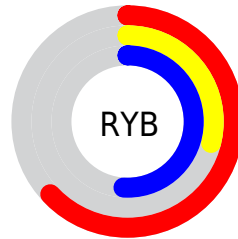
Distribution



Red (63%)

Green (29%)

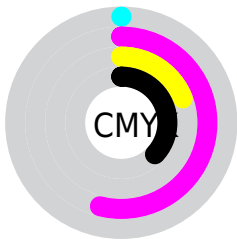
Blue (51%)



Red (63%)

Yellow (29%)

Blue (51%)

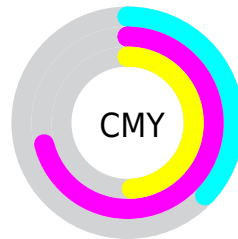


Cyan (0%)

Magenta (54%)

Yellow (19%)

Black (37%)



Cyan (37%)


Magenta (71%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 73, 130 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 160, 73, 130 by changing the saturation by 10% instead.

 160, 73, 130

255, 255, 255


 217, 125, 183

 246, 152, 211

 255, 180, 239

 255, 208, 255

 255, 236, 255

 160, 73, 130

 133, 47, 105

 106, 19, 81

 80, 0, 58

 55, 0, 36


 29, 0, 12

 0, 0, 0


 160, 73, 130

 160, 57, 124

 160, 41, 119

 160, 73, 130

 160, 89, 136

 160, 105, 141

160, 25, 113

160, 121, 147

160, 9, 108

160, 137, 152

160, 0, 105

160, 153, 158

160, 167, 169

160, 178, 185

160, 191, 201

160, 202, 217

Harmonies

Analogous

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



124, 88, 162



160, 73, 130



173, 68, 92

Triad

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



160, 73, 130



26, 111, 21



0, 68, 153

Complementary

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



160, 73, 130



73, 138, 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.



0, 62, 122



160, 73, 130



43, 116, 89

Square

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



160, 73, 130



121, 144, 29



0, 74, 121



0, 69, 175

Rectangle

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



160, 73, 130



170, 74, 68



0, 74, 121



0, 66, 142

Sweetspot

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



160, 73, 130



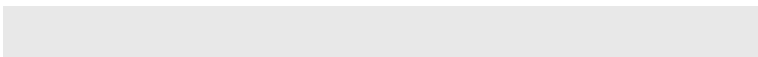
209, 176, 198



102, 73, 160



105, 85, 98



232, 232, 232



105, 105, 105

Same Dimension

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



160, 73, 130



209, 73, 162



160, 73, 88



79, 71, 76



143, 0, 94



15, 0, 10

Inverse Universe

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



160, 73, 130



209, 73, 162



73, 121, 160



79, 71, 76



143, 0, 94



15, 0, 10

Previews

White Background



This preview shows how the RYB color 160, 73, 130 looks on a white background.

Color Contrast Check

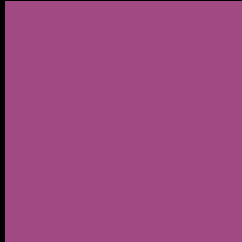
Large Text (above 18pt) WCAG AA ✓ Pass

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 160, 73, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

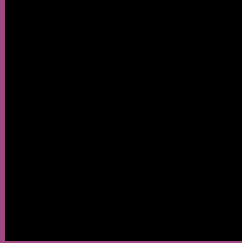
Any Text WCAG AA × Fail

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](#).

R Y B 160, 73, 130 Background



This preview shows how black text looks on a background with the R Y B color 160, 73, 130.



This preview shows how white text looks on a background with the R Y B color 160, 73, 130.

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
160, 73, 130

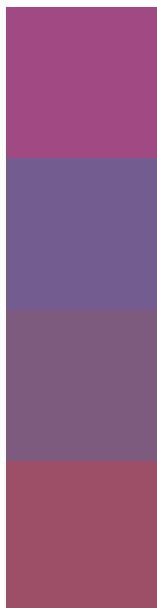
Protanopia
89, 100, 152

Deuteranopia
105, 102, 125



Tritanopia
156, 82, 88

Trichromacy



Original Color

160, 73, 130

Protanomaly

115, 92, 144

Deuteranomaly

125, 91, 127

Tritanomaly

157, 79, 103

Monochromacy



Original Color

160, 73, 130

Achromatopsia

106, 106, 106

Achromatomaly

126, 94, 115

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 73, 130 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(160, 73, 130)` looks like.

```
.text, #text, p{  
    color:rgb(160, 73, 130)  
}
```

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(160, 73, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 73, 130) }
```

Border

The CSS property to change the border of an element to RYB 160, 73, 130 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(160, 73, 130) }
```

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

```
.border{ border-color:rgb(160, 73, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 73, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 73, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 73, 130);  
box-shadow:4px 4px 4px 4px rgb(160, 73,  
130) }
```

Background

The CSS property to change the background color of an element to RGB 160, 73, 130 is called "background".

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

```
.background, #background, body{  
background: rgb(160, 73, 130) }
```

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

```
.background{ background-color: rgb(160, 73,  
130) }
```

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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