

Converting Colors

`RYB(167, 75, 140)`

Have a look what the booklet for
RYB(167, 75, 140) contains.

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Color

`RYB(167, 75, 140)`

Conversions

Conversions Part 1

Format	Color
Hex	A74B8C
RGB	167, 75, 140
RGB Percent	65%, 29%, 55%
CMY	0.3451, 0.7059, 0.4510
CMYK	0.00, 0.55, 0.16, 0.35
HSL	318°, 38%, 47%
HSV	318°, 55%, 65%
XYZ	23.1861, 15.1411, 26.5114
YIQ	109.9180, 33.9670, 39.7190

Conversions

Conversions Part 2

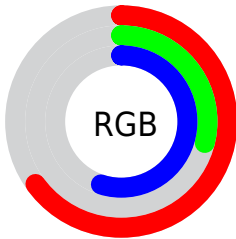
Format	Color
R_{YB}	167, 75, 140
Decimal	10963852
CIE _{Lab}	45.83, 45.92, -18.29
CIE _{LCh}	46, 49.429, 338.283
Yxy	15.1411, 0.3576, 0.2335
Android (android.graphics.Color)	4289153932 (0xFFA74B8C)
YUV	109.9180, 14.8304, 50.0609
Hunter-Lab	38.9116, 38.2667, -13.1577

Details

The RYB color **167, 75, 140** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **75, 146, 167**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **224, 128, 194**, and **112, 20, 90** is the 20% darker color. If you saturate the color by 10%, you get **167, 58, 135**, and if you desaturate by 10%, it is **167, 92, 145**.

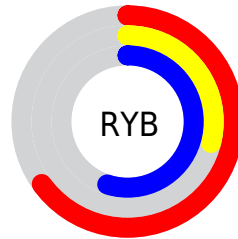
Distribution



Red (65%)

Green (29%)

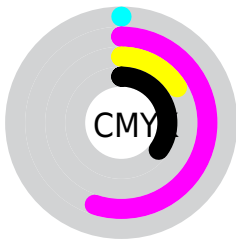
Blue (55%)



Red (65%)

Yellow (29%)

Blue (55%)

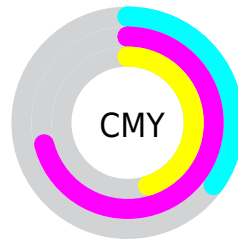


Cyan (0%)

Magenta (55%)

Yellow (16%)

Black (35%)



Cyan (35%)

Magenta (71%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 75, 140 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 167, 75, 140 by changing the saturation by 10% instead.



167, 75, 140



167, 75, 140

255, 255, 255



139, 49, 114



224, 128, 194



112, 20, 90



254, 155, 222



86, 0, 66



255, 182, 250



60, 0, 44



255, 211, 255



37, 0, 23



255, 240, 255



0, 0, 0



167, 75, 140



167, 75, 140



167, 58, 135



167, 92, 145



167, 42, 130



167, 108, 150

167, 25, 125

167, 125, 155

167, 8, 120

167, 142, 160

167, 0, 118

167, 158, 165

167, 173, 175

167, 187, 192

167, 200, 209

167, 212, 225

Harmonies

Analogous

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



125, 92, 174



167, 75, 140



183, 68, 99

Triad

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



167, 75, 140



23, 119, 13



0, 71, 159

Complementary

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



167, 75, 140



75, 146, 167

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, 66, 128



167, 75, 140



38, 120, 83

Square

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



167, 75, 140



137, 154, 27



0, 79, 126



0, 73, 185

Rectangle

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



167, 75, 140



181, 74, 72



0, 79, 126



0, 68, 147

Sweetspot

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



167, 75, 140



217, 180, 206



101, 75, 167



110, 88, 103



237, 237, 237



110, 110, 110

Same Dimension

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



167, 75, 140



217, 74, 175



167, 75, 95



84, 76, 82



148, 0, 104



20, 0, 14

Inverse Universe

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



167, 75, 140



217, 74, 175



75, 127, 167



84, 76, 82



148, 0, 104



20, 0, 14

Previews

White Background



This preview shows how the RYB color 167, 75, 140 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 167, 75, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

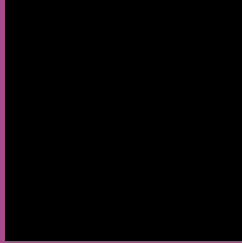
Any Text WCAG AA × Fail

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 167, 75, 140 Background



This preview shows how black text looks on a background with the RYB color 167, 75, 140.

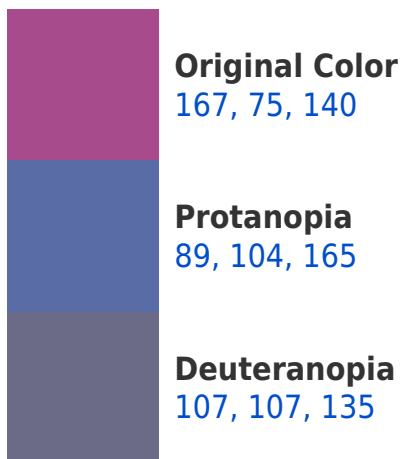


This preview shows how white text looks on a background with the RYB color 167, 75, 140.

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](#).

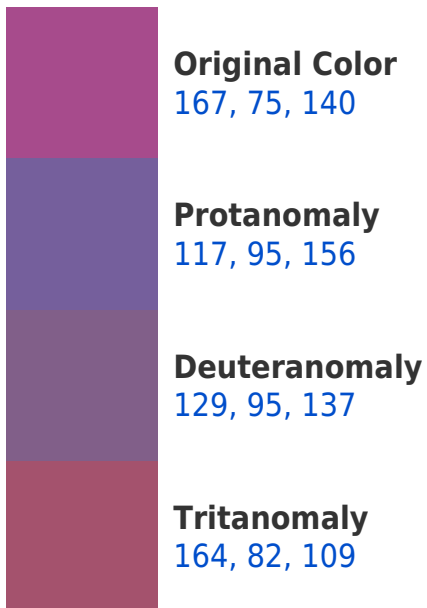
Dichromacy





Tritanopia
162, 86, 92

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 75, 140 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(167, 75, 140)` looks like.

```
.text, #text, p{  
    color:rgb(167, 75, 140)  
}
```

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(167, 75, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 75, 140) }
```

Border

The CSS property to change the border of an element to RYB 167, 75, 140 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(167, 75, 140) }
```

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

```
.border{ border-color:rgb(167, 75, 140) }
```

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

Here you see how a box with a 4 pixel rgb(167, 75, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 75, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 75, 140);  
box-shadow:4px 4px 4px 4px rgb(167, 75,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 167, 75, 140 is called "background".

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

```
.background, #background, body{  
background: rgb(167, 75, 140) }
```

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

```
.background{ background-color: rgb(167, 75,  
140) }
```

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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