

Converting Colors

`RYB(217, 121, 160)`

Have a look what the booklet for
RYB(217, 121, 160) contains.

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Color

$\text{RYB}(217, 121, 160)$

Conversions

Conversions Part 1

Format	Color
Hex	D979A0
RGB	217, 121, 160
RGB Percent	85%, 47%, 63%
CMY	0.1490, 0.5255, 0.3725
CMYK	0.00, 0.44, 0.26, 0.15
HSL	336°, 56%, 66%
HSV	336°, 44%, 85%
XYZ	41.7978, 30.9645, 37.0315
YIQ	154.1500, 44.6970, 32.4810

Conversions

Conversions Part 2

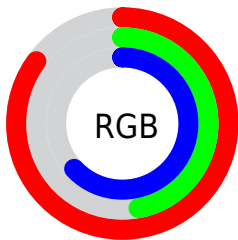
Format	Color
R_{YB}	217, 121, 160
Decimal	14252448
CIE _{Lab}	62.48, 41.96, -4.30
CIE _{LCh}	62, 42.180, 354.151
Yxy	30.9645, 0.3807, 0.2820
Android (android.graphics.Color)	4292442528 (0xFFD979A0)
YUV	154.1500, 2.8840, 55.1194
Hunter-Lab	55.6458, 36.6985, -0.5046

Details

The RYB color **217, 121, 160** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **121, 181, 217**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **255, 175, 215**, and **160, 69, 109** is the 20% darker color. If you saturate the color by 10%, you get **217, 99, 147**, and if you desaturate by 10%, it is **217, 143, 173**.

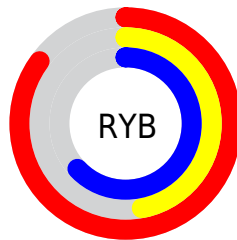
Distribution



Red (85%)

Green (47%)

Blue (63%)



Red (85%)

Yellow (47%)

Blue (63%)

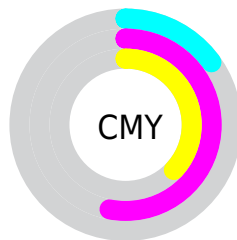


Cyan (0%)

Magenta (44%)

Yellow (26%)

Black (15%)



Cyan (15%)


Magenta (53%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 121, 160 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 217, 121, 160 by changing the saturation by 10% instead.

 217, 121, 160

255, 255, 255


 255, 175, 215

 255, 203, 243

 255, 232, 255

 217, 121, 160

 188, 95, 134

 160, 69, 109

 132, 43, 84

 105, 14, 61


 78, 0, 40

 54, 0, 19

 21, 0, 0

 0, 0, 0


 217, 121, 160

 217, 121, 160

 217, 99, 147

 217, 143, 173

 217, 78, 134

 217, 164, 186

 217, 56, 121

 217, 186, 199

 217, 34, 108

 217, 208, 212

 217, 13, 96

 217, 225, 229

 217, 0, 88

 217, 238, 251

 217, 237, 255

 217, 236, 255

Harmonies

Analogous

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



191, 130, 195



217, 121, 160



222, 122, 122

Triad

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



217, 121, 160



81, 158, 95



0, 93, 211

Complementary

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



217, 121, 160



121, 181, 217

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, 87, 180



217, 121, 160



99, 160, 166

Square

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



217, 121, 160



127, 181, 75



29, 107, 170



71, 126, 225

Rectangle

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



217, 121, 160



215, 138, 101



29, 107, 170



0, 92, 202

Sweetspot

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



217, 121, 160



255, 222, 235



177, 121, 217



128, 107, 115



0, 0, 0



128, 128, 128

Same Dimension

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



217, 121, 160



255, 120, 175



217, 130, 121



110, 99, 103



173, 0, 70



46, 0, 19

Inverse Universe

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



217, 121, 160



255, 120, 175



121, 167, 217



110, 99, 103



173, 0, 70



46, 0, 19

Previews

White Background



This preview shows how the RYB color 217, 121, 160 looks on a white background.

Color Contrast Check

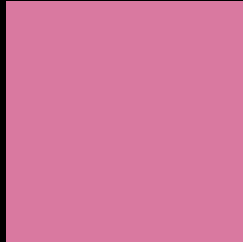
Large Text (above 18pt) WCAG AA × Fail

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 217, 121, 160 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 ✓ Pass

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

RYB 217, 121, 160 Background



This preview shows how black text looks on a background with the RYB color 217, 121, 160.

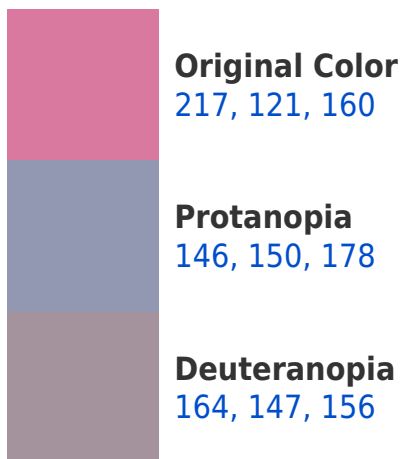


This preview shows how white text looks on a background with the RYB color 217, 121, 160.

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
215, 126, 135

Trichromacy



Original Color

217, 121, 160



Protanomaly

172, 139, 171



Deuteranomaly

183, 138, 157



Tritanomaly

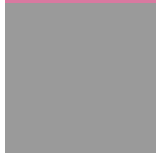
216, 124, 144

Monochromacy



Original Color

217, 121, 160



Achromatopsia

154, 154, 154



Achromatomaly

177, 142, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 121, 160 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(217, 121, 160)` looks like.

```
.text, #text, p{  
    color:rgb(217, 121, 160)  
}
```

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(217, 121, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 121, 160) }
```

Border

The CSS property to change the border of an element to RYB 217, 121, 160 is called "border". The border property can be set on classes, ids or directly on the HTML element.

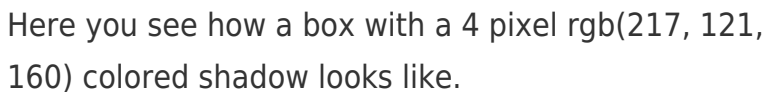
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 121, 160) }
```

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

```
.border{ border-color:rgb(217, 121, 160) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 121, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 121, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 121, 160); box-shadow:4px 4px 4px 4px rgb(217, 121, 160) }
```

Background

The CSS property to change the background color of an element to RYB 217, 121, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 121, 160) }
```

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

```
.background{ background-color: rgb(217,  
121, 160) }
```

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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