

Converting Colors

`RYB(194, 121, 161)`

Have a look what the booklet for
RYB(194, 121, 161) contains.

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Color

R_YB(194, 121, 161)

Conversions

Conversions Part 1

Format	Color
Hex	C279A1
RGB	194, 121, 161
RGB Percent	76%, 47%, 63%
CMY	0.2392, 0.5255, 0.3686
CMYK	0.00, 0.38, 0.17, 0.24
HSL	327°, 37%, 62%
HSV	327°, 38%, 76%
XYZ	35.5185, 27.7173, 37.1962
YIQ	147.3870, 30.6680, 27.9160

Conversions

Conversions Part 2

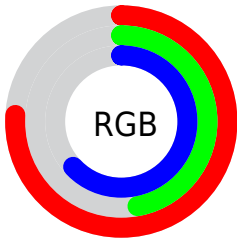
Format	Color
RYB	194, 121, 161
Decimal	12745121
CIELab	59.63, 34.14, -9.41
CIELCh	60, 35.415, 344.590
Yxy	27.7173, 0.3537, 0.2760
Android (android.graphics.Color)	4290935201 (0xFFC279A1)
YUV	147.3870, 6.7112, 40.8796
Hunter-Lab	52.6472, 28.2927, -5.0364

Details

The RYB color **194, 121, 161** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **121, 171, 194**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **252, 174, 216**, and **139, 70, 109** is the 20% darker color. If you saturate the color by 10%, you get **194, 102, 152**, and if you desaturate by 10%, it is **194, 140, 170**.

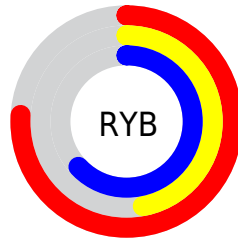
Distribution



Red (76%)

Green (47%)

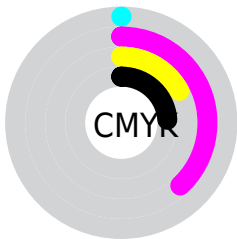
Blue (63%)



Red (76%)

Yellow (47%)

Blue (63%)

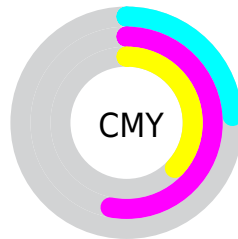


Cyan (0%)

Magenta (38%)

Yellow (17%)

Black (24%)



Cyan (24%)

Magenta (53%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the RYB color 194, 121, 161 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 194, 121, 161 by changing the saturation by 10% instead.

 194, 121, 161

255, 255, 255

 252, 174, 216

 255, 202, 244

 255, 231, 255

 194, 121, 161

 166, 95, 135

 139, 70, 109

 112, 46, 85

 87, 21, 62


 62, 0, 40


 42, 0, 20

 0, 0, 0

 194, 121, 161

 194, 102, 152

 194, 121, 161

 194, 140, 170

194, 82, 143

194, 160, 179

194, 63, 135

194, 179, 187

194, 43, 126

194, 198, 199

194, 24, 117

194, 210, 218

194, 5, 108

194, 223, 237

194, 0, 106

194, 236, 255

194, 232, 255

194, 229, 255

Harmonies

Analogous

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



166, 130, 188



194, 121, 161



204, 119, 129

Triad

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



194, 121, 161



84, 149, 82



0, 85, 186

Complementary

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



194, 121, 161



121, 171, 194

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.



7, 84, 160



194, 121, 161



98, 154, 138

Square

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



194, 121, 161



160, 178, 84



73, 126, 159



65, 118, 203

Rectangle

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



194, 121, 161



201, 125, 110



73, 126, 159



0, 84, 178

Sweetspot

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



194, 121, 161



252, 225, 240



154, 121, 194



128, 111, 120



0, 0, 0



128, 128, 128

Same Dimension

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



194, 121, 161



252, 139, 201



194, 121, 125



97, 87, 93



161, 0, 88



33, 0, 18

Inverse Universe

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



194, 121, 161



252, 139, 201



121, 159, 194



97, 87, 93



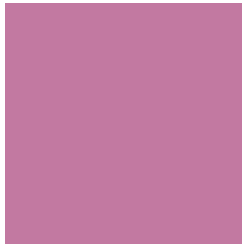
161, 0, 88



33, 0, 18

Previews

White Background



This preview shows how the RYB color 194, 121, 161 looks on a white background.

Color Contrast Check

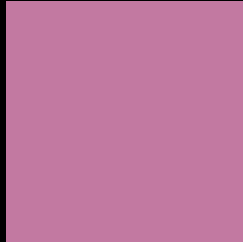
Large Text (above 18pt) WCAG AA ✓ Pass

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 194, 121, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

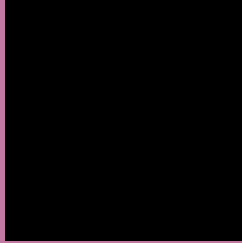
Any Text WCAG AA ✓ Pass

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 194, 121, 161 Background



This preview shows how black text looks on a background with the RYB color 194, 121, 161.

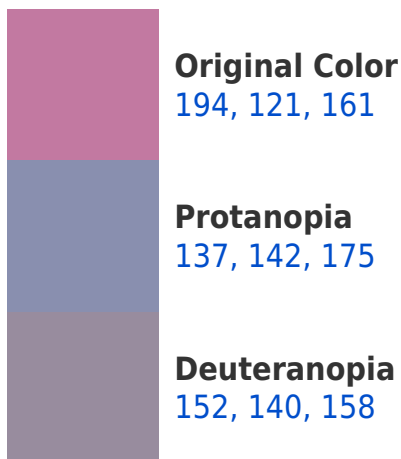



This preview shows how white text looks on a background with the RYB color 194, 121, 161.

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
191, 126, 135

Trichromacy



Original Color
194, 121, 161

Protanomaly
158, 135, 170

Deuteranomaly
167, 133, 159

Tritanomaly
192, 124, 144

Monochromacy



Original Color
194, 121, 161

Achromatopsia
147, 147, 147

Achromatomaly
164, 138, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 121, 161 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(194, 121, 161)` looks like.

```
.text, #text, p{  
    color:rgb(194, 121, 161)  
}
```

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(194, 121, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 121, 161) }
```

Border

The CSS property to change the border of an element to RYB 194, 121, 161 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(194, 121, 161) }
```

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

```
.border{ border-color:rgb(194, 121, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 121, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 121, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 121, 161);  
box-shadow:4px 4px 4px 4px rgb(194, 121,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 194, 121, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 121, 161) }
```

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

```
.background{ background-color: rgb(194,  
121, 161) }
```

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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