

Converting Colors

`RYB(194, 120, 148)`

Have a look what the booklet for RYB(194, 120, 148) contains.

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Color

R_YB(194, 120, 148)

Conversions

Conversions Part 1

Format	Color
Hex	C27894
RGB	194, 120, 148
RGB Percent	76%, 47%, 58%
CMY	0.2392, 0.5294, 0.4196
CMYK	0.00, 0.38, 0.24, 0.24
HSL	337°, 38%, 62%
HSV	337°, 38%, 76%
XYZ	34.3099, 27.0404, 31.4280
YIQ	145.3180, 35.1160, 24.3960

Conversions

Conversions Part 2

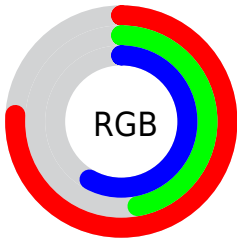
Format	Color
RYB	194, 120, 148
Decimal	12744852
CIELab	59.01, 32.68, -2.84
CIElCh	59, 32.808, 355.027
Yxy	27.0404, 0.3698, 0.2915
Android (android.graphics.Color)	4290934932 (0xFFC27894)
YUV	145.3180, 1.3222, 42.6941
Hunter-Lab	52.0004, 26.7738, 0.5666

Details

The RYB color **194, 120, 148** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **120, 166, 194**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **252, 173, 202**, and **139, 70, 97** is the 20% darker color. If you saturate the color by 10%, you get **194, 101, 136**, and if you desaturate by 10%, it is **194, 139, 160**.

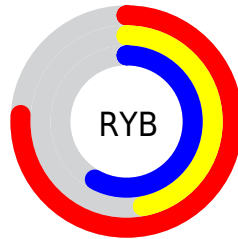
Distribution



Red (76%)

Green (47%)

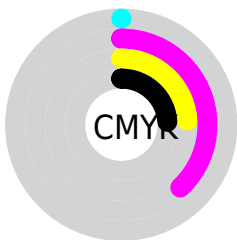
Blue (58%)



Red (76%)

Yellow (47%)

Blue (58%)

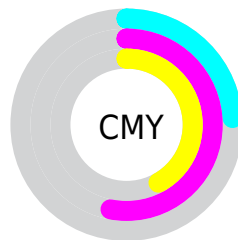


Cyan (0%)

Magenta (38%)

Yellow (24%)

Black (24%)



Cyan (24%)


Magenta (53%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the RYB color 194, 120, 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 194, 120, 148 by changing the saturation by 10% instead.

 194, 120, 148

255, 255, 255

 252, 173, 202

 255, 201, 230

 255, 229, 255

 194, 120, 148

 166, 94, 122

 139, 70, 97


 112, 45, 74


 86, 21, 51

 61, 0, 30


 41, 0, 4

 0, 0, 0

 194, 120, 148


 194, 101, 136


 194, 120, 148

 194, 139, 160

 194, 81, 124

 194, 159, 172

 194, 62, 112

 194, 178, 184

 194, 42, 100

 194, 197, 198

 194, 23, 88

 194, 208, 217

 194, 4, 76

 194, 220, 236

 194, 0, 73

 194, 232, 255

 194, 228, 255

 194, 225, 255

Harmonies

Analogous

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



174, 126, 175



194, 120, 148



198, 121, 119

Triad

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



194, 120, 148



89, 148, 101



40, 104, 188

Complementary

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



194, 120, 148



120, 166, 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.



23, 92, 165



194, 120, 148



103, 149, 154

Square

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



194, 120, 148



122, 165, 84



64, 116, 157



92, 128, 199

Rectangle

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



194, 120, 148



192, 134, 103



64, 116, 157



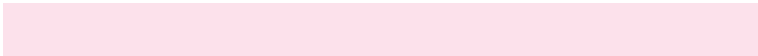
25, 96, 182

Sweetspot

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



194, 120, 148



252, 225, 235



166, 120, 194



128, 111, 117



0, 0, 0



128, 128, 128

Same Dimension

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



194, 120, 148



252, 136, 180



194, 130, 120



97, 87, 91



161, 0, 61



33, 0, 13

Inverse Universe

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



194, 120, 148



252, 136, 180



120, 155, 194



97, 87, 91



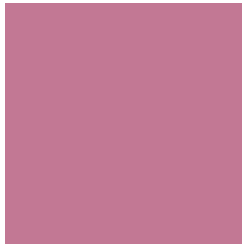
161, 0, 61



33, 0, 13

Previews

White Background



This preview shows how the RYB color 194, 120, 148 looks on a white background.

Color Contrast Check

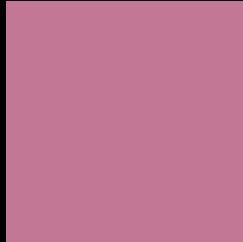
Large Text (above 18pt) WCAG AA ✓ Pass

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 194, 120, 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 194, 120, 148 Background



This preview shows how black text looks on a background with the RYB color 194, 120, 148.

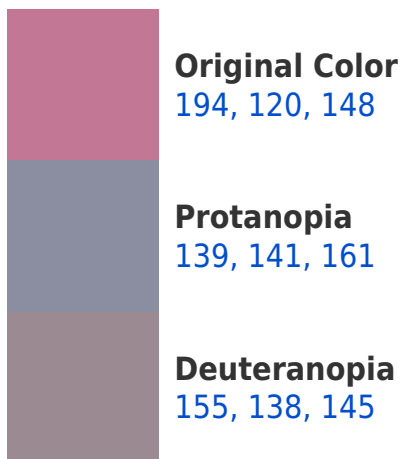


This preview shows how white text looks on a background with the RYB color 194, 120, 148.

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





Tritanopia
192, 123, 132

Trichromacy



Original Color
194, 120, 148

Protanomaly
159, 133, 156

Deuteranomaly
169, 131, 146

Tritanomaly
193, 122, 138

Monochromacy



Original Color
194, 120, 148

Achromatopsia
145, 145, 145

Achromatomaly
163, 136, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 120, 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(194, 120, 148)` looks like.

```
.text, #text, p{  
    color:rgb(194, 120, 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(194, 120, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 120, 148) }
```

Border

The CSS property to change the border of an element to RYB 194, 120, 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(194, 120, 148) }
```

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

```
.border{ border-color:rgb(194, 120, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 120, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 120, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 120, 148); box-shadow:4px 4px 4px 4px rgb(194, 120, 148) }
```

Background

The CSS property to change the background color of an element to RYB 194, 120, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 120, 148) }
```

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

```
.background{ background-color: rgb(194,  
120, 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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