

Converting Colors

`RYB(204, 120, 149)`

Have a look what the booklet for RYB(204, 120, 149) contains.

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Color

R_YB(204, 120, 149)

Conversions

Conversions Part 1

Format	Color
Hex	CC7895
RGB	204, 120, 149
RGB Percent	80%, 47%, 58%
CMY	0.2000, 0.5294, 0.4157
CMYK	0.00, 0.41, 0.27, 0.20
HSL	339°, 45%, 64%
HSV	339°, 41%, 80%
XYZ	37.0431, 28.4402, 31.9709
YIQ	148.4220, 40.7550, 26.8270

Conversions

Conversions Part 2

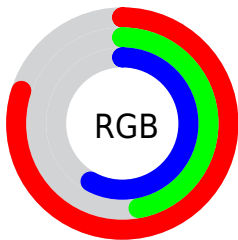
Format	Color
RYB	204, 120, 149
Decimal	13400213
CIELab	60.28, 36.41, -1.41
CIElCh	60, 36.439, 357.787
Yxy	28.4402, 0.3801, 0.2918
Android (android.graphics.Color)	4291590293 (0xFFCC7895)
YUV	148.4220, 0.2850, 48.7419
Hunter-Lab	53.3294, 30.6615, 1.7863

Details

The RYB color **204, 120, 149** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **120, 171, 204**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **255, 174, 203**, and **148, 69, 98** is the 20% darker color. If you saturate the color by 10%, you get **204, 100, 136**, and if you desaturate by 10%, it is **204, 140, 162**.

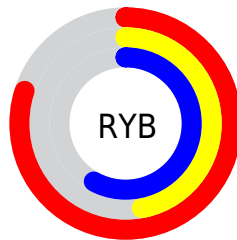
Distribution



Red (80%)

Green (47%)

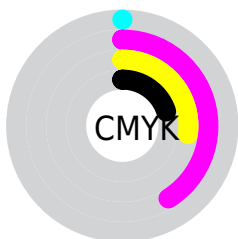
Blue (58%)



Red (80%)

Yellow (47%)

Blue (58%)

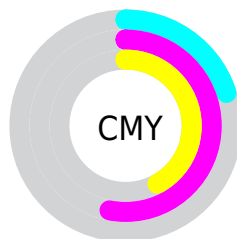


Cyan (0%)

Magenta (41%)

Yellow (27%)

Black (20%)



Cyan (20%)


Magenta (53%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the RYB color 204, 120, 149 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 204, 120, 149 by changing the saturation by 10% instead.


 204, 120, 149

255, 255, 255

 255, 174, 203


 255, 202, 231

 255, 230, 255

 204, 120, 149

 176, 94, 123

 148, 69, 98


 121, 44, 75


 94, 18, 52

 68, 0, 31

 47, 0, 6


 0, 0, 0

 204, 120, 149

 204, 100, 136


 204, 120, 149

 204, 140, 162

 204, 79, 122

 204, 161, 176

 204, 59, 109

 204, 181, 189

 204, 38, 96

 204, 202, 202

 204, 18, 82

 204, 215, 222

 204, 0, 70

 204, 227, 242

 204, 233, 255

 204, 230, 255

Harmonies

Analogous

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



183, 126, 180



204, 120, 149



206, 122, 117

Triad

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



204, 120, 149



87, 152, 104



7, 91, 199

Complementary

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



204, 120, 149



120, 171, 204

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, 84, 174



204, 120, 149



97, 148, 159

Square

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



204, 120, 149



115, 168, 80



48, 110, 162



92, 130, 209

Rectangle

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



204, 120, 149



199, 140, 99



48, 110, 162



0, 87, 192

Sweetspot

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



204, 120, 149



255, 224, 235



175, 120, 204



128, 110, 116



0, 0, 0



128, 128, 128

Same Dimension

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



204, 120, 149



255, 130, 173



204, 135, 120



102, 92, 95



166, 0, 57



38, 0, 13

Inverse Universe

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



204, 120, 149



255, 130, 173



120, 158, 204



102, 92, 95



166, 0, 57



38, 0, 13

Previews

White Background



This preview shows how the RYB color 204, 120, 149 looks on a white background.

Color Contrast Check

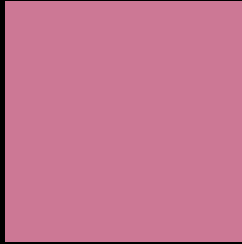
Large Text (above 18pt) WCAG AA ✓ Pass

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 204, 120, 149 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 204, 120, 149 Background



This preview shows how black text looks on a background with the RYB color 204, 120, 149.



This preview shows how white text looks on a background with the RYB color 204, 120, 149.

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
204, 120, 149

Protanopia
143, 145, 164

Deuteranopia
160, 141, 145



Tritanopia
202, 123, 132

Trichromacy



Original Color

204, 120, 149

Protanomaly

165, 136, 159

Deuteranomaly

176, 133, 146

Tritanomaly

203, 122, 138

Monochromacy



Original Color

204, 120, 149

Achromatopsia

148, 148, 148

Achromatomaly

168, 138, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 120, 149 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(204, 120, 149) looks like.

```
.text, #text, p{  
    color:rgb(204, 120, 149)  
}
```

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(204, 120, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 120, 149) }
```

Border

The CSS property to change the border of an element to RYB 204, 120, 149 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(204, 120, 149) }
```

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

```
.border{ border-color:rgb(204, 120, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 120, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 120, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 120, 149);  
box-shadow:4px 4px 4px 4px rgb(204, 120,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 204, 120, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 120, 149) }
```

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

```
.background{ background-color: rgb(204,  
120, 149) }
```

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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