

Converting Colors

`RYB(225, 114, 153)`

Have a look what the booklet for
RYB(225, 114, 153) contains.

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Color

R_YB(225, 114, 153)

Conversions

Conversions Part 1

Format	Color
Hex	E17299
RGB	225, 114, 153
RGB Percent	88%, 45%, 60%
CMY	0.1176, 0.5529, 0.4000
CMYK	0.00, 0.49, 0.32, 0.12
HSL	339°, 65%, 66%
HSV	339°, 49%, 88%
XYZ	42.8184, 30.3421, 33.7368
YIQ	151.6350, 53.6370, 35.6610

Conversions

Conversions Part 2

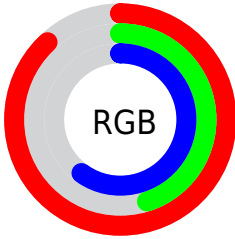
Format	Color
R_{YB}	225, 114, 153
Decimal	14774937
CIE _{Lab}	61.95, 47.31, -0.94
CIE _{LCh}	62, 47.321, 358.860
Yxy	30.3421, 0.4006, 0.2838
Android (android.graphics.Color)	4292965017 (0xFFE17299)
YUV	151.6350, 0.6729, 64.3411
Hunter-Lab	55.0837, 42.3578, 2.2455

Details

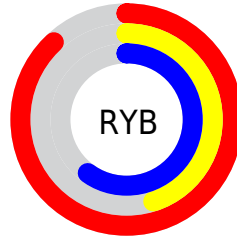
The RYB color **225, 114, 153** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **114, 181, 225**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **255, 169, 207**, and **167, 61, 102** is the 20% darker color. If you saturate the color by 10%, you get **225, 92, 138**, and if you desaturate by 10%, it is **225, 137, 168**.

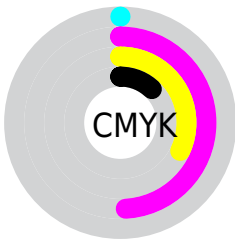
Distribution



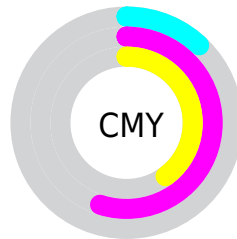
- Red (88%)
- Green (45%)
- Blue (60%)



- Red (88%)
- Yellow (45%)
- Blue (60%)



- Cyan (0%)
- Magenta (49%)
- Yellow (32%)
- Black (12%)




- Cyan (12%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 114, 153 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 225, 114, 153 by changing the saturation by 10% instead.

 225, 114, 153

255, 255, 255

 255, 169, 207

 255, 197, 235

 255, 225, 255

 225, 114, 153

 196, 87, 127

 167, 61, 102

 138, 33, 78

 110, 0, 56


 83, 0, 34

 58, 0, 12

 25, 0, 1

 0, 0, 0

 225, 114, 153

 225, 114, 153

■ 225, 92, 138

■ 225, 137, 168

■ 225, 69, 124

■ 225, 159, 182

■ 225, 47, 109

■ 225, 182, 197

■ 225, 24, 95

■ 225, 204, 211

■ 225, 2, 80

■ 225, 226, 227

■ 225, 0, 79

■ 225, 239, 249

■ 225, 240, 255

Harmonies

Analogous

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



200, 123, 194



225, 114, 153



226, 118, 112

Triad

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



225, 114, 153



73, 159, 99



0, 94, 221

Complementary

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



225, 114, 153



114, 181, 225

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, 89, 189



225, 114, 153



79, 147, 167

Square

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



225, 114, 153



100, 175, 63



0, 92, 171



65, 124, 233

Rectangle

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



225, 114, 153



216, 142, 88



0, 92, 171



0, 93, 212

Sweetspot

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



225, 114, 153



255, 217, 230



184, 114, 225



128, 105, 113



0, 0, 0



128, 128, 128

Same Dimension

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



225, 114, 153



255, 105, 157



225, 131, 114



112, 101, 105



176, 0, 62



48, 0, 17

Inverse Universe

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



225, 114, 153



255, 105, 157



114, 165, 225



112, 101, 105



176, 0, 62



48, 0, 17

Previews

White Background



This preview shows how the RYB color 225, 114, 153 looks on a white background.

Color Contrast Check

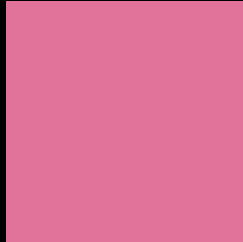
Large Text (above 18pt) WCAG AA × Fail

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 225, 114, 153 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 225, 114, 153 Background



This preview shows how black text looks on a background with the RYB color 225, 114, 153.



This preview shows how white text looks on a background with the RYB color 225, 114, 153.

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
225, 114, 153

Protanopia
145, 149, 174

Deuteranopia
165, 145, 148



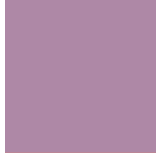
Tritanopia
223, 119, 127

Trichromacy



Original Color

225, 114, 153



Protanomaly

174, 136, 166



Deuteranomaly

187, 134, 150



Tritanomaly

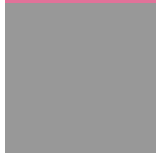
224, 117, 136

Monochromacy



Original Color

225, 114, 153



Achromatopsia

152, 152, 152



Achromatomaly

179, 138, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 114, 153 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(225, 114, 153)` looks like.

```
.text, #text, p{  
    color:rgb(225, 114, 153)  
}
```

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(225, 114, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 114, 153) }
```

Border

The CSS property to change the border of an element to RYB 225, 114, 153 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(225, 114, 153) }
```

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

```
.border{ border-color:rgb(225, 114, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 114, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 114, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 114, 153);  
box-shadow:4px 4px 4px 4px rgb(225, 114,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 225, 114, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 114, 153) }
```

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

```
.background{ background-color: rgb(225,  
114, 153) }
```

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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