

Converting Colors

$Y_{xy}(22.3037, 0.4650, 0.2853)$

Have a look what the booklet for
Yxy(22.3037, 0.4650, 0.2853)
contains.

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Color

Yxy(22.3037, 0.4650, 0.2853)

Conversions

Conversions Part 1

Format	Color
Hex	DF4D76
RGB	223, 77, 118
RGB Percent	87%, 30%, 46%
CMY	0.1255, 0.6979, 0.5374
CMYK	0.00, 0.65, 0.47, 0.13
HSL	343°, 70%, 59%
HSV	343°, 65%, 87%
XYZ	36.3520, 22.3037, 19.5206
YIQ	125.3280, 73.8550, 43.7030

Conversions

Conversions Part 2

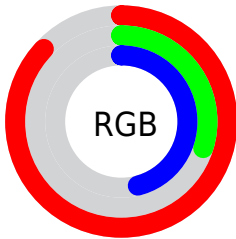
Format	Color
R_{YB}	223, 77, 118
Decimal	14634358
CIE Lab	54.35, 59.72, 8.52
CIE LCh	54, 60.320, 8.116
Yxy	22.3037, 0.4650, 0.2853
Android (android.graphics.Color)	4292824438 (0xFFDF4D76)
YUV	125.3280, -3.6127, 85.6583
Hunter-Lab	47.2268, 54.7503, 8.5520

Details

The Yxy color **22.3037, 0.4650, 0.2853** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **57.7281, 0.2543, 0.3873**, and the grayscale version is **20.6207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.2125, 0.4038, 0.2918**, and **8.2287, 0.5235, 0.2657** is the 20% darker color. If you saturate the color by 10%, you get **19.3507, 0.5025, 0.2845**, and if you desaturate by 10%, it is **26.3931, 0.4301, 0.2894**.

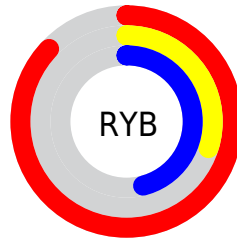
Distribution



Red (87%)

Green (30%)

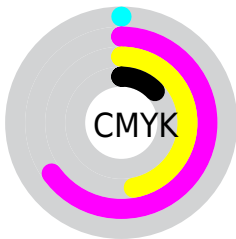
Blue (46%)



Red (87%)

Yellow (30%)

Blue (46%)

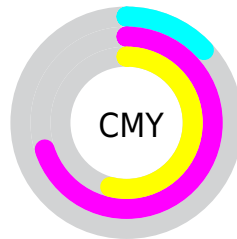


Cyan (0%)

Magenta (65%)

Yellow (47%)

Black (13%)



Cyan (13%)


Magenta (70%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.3037, 0.4650, 0.2853 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 Yxy color 22.3037, 0.4650, 0.2853 by changing the saturation by 10% instead.


 22.3037, 0.4650,
0.2853


 22.3037, 0.4650,
0.2853


264.1282, 0.3797,
0.3115


 14.0802, 0.4895,
0.2770


 47.2474, 0.4317,
0.2960

 8.1765, 0.5228,
0.2653


 64.7365, 0.4199,
0.2997


 4.2081, 0.5703,
0.2475

 86.0829, 0.4102,
0.3026

 1.7906, 0.6418,
0.2185

 111.6709, 0.4020,
0.3050

 0.4813, 0.8350,
0.1650

 141.8851, 0.3952,
0.3071

 0.0000, 1.0000,
0.0000

177.1098, 0.3893,

 0.0000, 0.0000,

0.3088

0.0000

217.7293, 0.3841,
0.3103

■ 22.3037, 0.4650,
0.2853

■ 22.3037, 0.4650,
0.2853

■ 19.3507, 0.5025,
0.2845

■ 26.3931, 0.4301,
0.2894

■ 17.4127, 0.5397,
0.2880

■ 31.7168, 0.3993,
0.2956


■ 16.3466, 0.5727,
0.2959

■ 38.3660, 0.3732,
0.3028

■ 16.0405, 0.5860,
0.3002

■ 46.4223, 0.3516,
0.3105

■ 55.9610, 0.3338,
0.3181

 67.0515, 0.3194,
0.3253

 79.7592, 0.3077,
0.3320

 93.8799, 0.2982,
0.3378

 94.4265, 0.2935,
0.3289

Harmonies

Analogous

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



22.3037, 0.3596, 0.2276



22.3037, 0.4650, 0.2853



22.3037, 0.5190, 0.3530

Triad

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



22.3037, 0.4650, 0.2853



22.3037, 0.3400, 0.5299



22.3037, 0.1464, 0.1941

Complementary

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



22.3037, 0.4650, 0.2853



57.7281, 0.2543, 0.3873

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.



22.3037, 0.1426, 0.2499



22.3037, 0.4650, 0.2853



22.3037, 0.2449, 0.4753

Square

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



22.3037, 0.4650, 0.2853



22.3037, 0.4330, 0.4963



22.3037, 0.1741, 0.3537



22.3037, 0.1827, 0.1769

Rectangle

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



22.3037, 0.4650, 0.2853



22.3037, 0.5146, 0.4012



22.3037, 0.1741, 0.3537



22.3037, 0.1415, 0.2077

Sweetspot

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



22.3049, 0.4650, 0.2853



69.5238, 0.3417, 0.3145



20.5387, 0.2756, 0.1609



14.1114, 0.3468, 0.3124



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



22.3049, 0.4650, 0.2853



24.9839, 0.5181, 0.2854



27.0853, 0.4988, 0.3632



13.7634, 0.3248, 0.3224



9.4491, 0.5822, 0.2981



0.6700, 0.5379, 0.2737

Inverse Universe

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



22.3049, 0.4650, 0.2853



24.9839, 0.5181, 0.2854



44.3267, 0.2250, 0.2843



13.7634, 0.3248, 0.3224



9.4491, 0.5822, 0.2981



0.6700, 0.5379, 0.2737

Previews

White Background



This preview shows how the Yxy color 22.3037, 0.4650, 0.2853 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 Yxy color 22.3037, 0.4650, 0.2853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

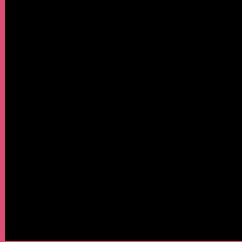
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.3037, 0.4650, 0.2853

Background



This preview shows how black text looks on a background with the Yxy color 22.3037, 0.4650, 0.2853.



This preview shows how white text looks on a background with the Yxy color 22.3037, 0.4650, 0.2853.

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

22.3037, 0.4650, 0.2853

Protanopia

22.6610, 0.2929, 0.2997

Deuteranopia

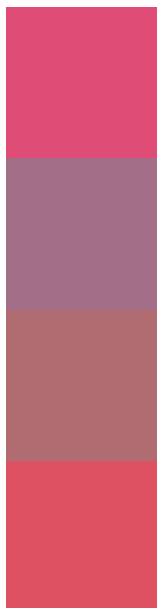
22.5534, 0.3599, 0.3544



Tritanopia

22.2632, 0.5052, 0.3244

Trichromacy



Original Color

22.3037, 0.4650, 0.2853

Protanomaly

20.9330, 0.3496, 0.2901

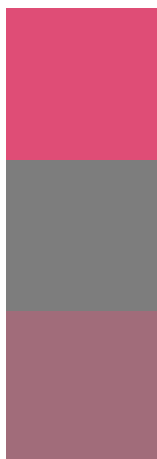
Deuteranomaly

21.2871, 0.3993, 0.3204

Tritanomaly

22.3153, 0.4913, 0.3104

Monochromacy



Original Color

22.3037, 0.4650, 0.2853

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.7073, 0.3669, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3037, 0.4650, 0.2853 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(223, 77, 118)` looks like.

```
.text, #text, p{  
    color:rgb(223, 77, 118)  
}
```

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(223, 77, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 77, 118) }
```

Border

The CSS property to change the border of an element to Yxy 22.3037, 0.4650, 0.2853 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(223, 77, 118) }
```

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

```
.border{ border-color:rgb(223, 77, 118) }
```

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

Here you see how a box with a 4 pixel rgb(223, 77, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 77, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 77, 118);  
box-shadow:4px 4px 4px 4px rgb(223, 77,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3037, 0.4650, 0.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 77, 118) }
```

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

```
.background{ background-color: rgb(223, 77,  
118) }
```

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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