

Converting Colors

$Y_{xy}(22.2723, 0.4625, 0.2967)$

Have a look what the booklet for
Yxy(22.2723, 0.4625, 0.2967)
contains.

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Color

Yxy(22.2846, 0.4627, 0.2966)

Conversions

Conversions Part 1

Format	Color
Hex	D95471
RGB	217, 84, 113
RGB Percent	85%, 33%, 44%
CMY	0.1490, 0.6705, 0.5570
CMYK	0.00, 0.61, 0.48, 0.15
HSL	347°, 64%, 59%
HSV	347°, 61%, 85%
XYZ	34.7643, 22.2846, 18.0846
YIQ	127.0730, 69.9590, 37.2150

Conversions

Conversions Part 2

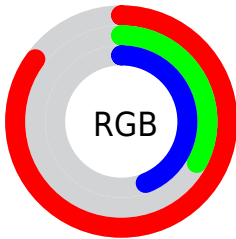
Format	Color
R_{YB}	217, 84, 113
Decimal	14242929
CIE _{Lab}	54.33, 54.44, 11.32
CIE _{LCh}	54, 55.603, 11.743
Yxy	22.2846, 0.4627, 0.2966
Android (android.graphics.Color)	4292433009 (0xFFD95471)
YUV	127.0730, -6.9380, 78.8660
Hunter-Lab	47.2066, 48.8411, 10.3308

Details

The Yxy color **22.2846, 0.4627, 0.2966** 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 **55.1415, 0.2521, 0.3702**, and the grayscale version is **21.2574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.4419, 0.4076, 0.3021**, and **8.1625, 0.5211, 0.2805** is the 20% darker color. If you saturate the color by 10%, you get **19.0753, 0.5027, 0.2954**, and if you desaturate by 10%, it is **26.6108, 0.4261, 0.3003**.

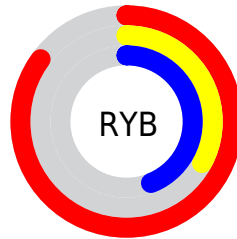
Distribution



Red (85%)

Green (33%)

Blue (44%)



Red (85%)

Yellow (33%)

Blue (44%)

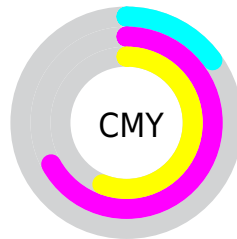


Cyan (0%)

Magenta (61%)

Yellow (48%)

Black (15%)



Cyan (15%)


Magenta (67%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.2846, 0.4627, 0.2966 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 22.2846, 0.4627, 0.2966 by changing the saturation by 10% instead.


 22.2846, 0.4627,
0.2966


 22.2846, 0.4627,
0.2966

264.0289, 0.3784,
0.3171


 14.0662, 0.4870,
0.2897


 47.2159, 0.4297,
0.3053


 8.1667, 0.5202,
0.2796


 64.6976, 0.4180,
0.3081

 4.2018, 0.5677,
0.2638

 86.0358, 0.4084,
0.3104

 1.7871, 0.6393,
0.2367

 111.6150, 0.4004,
0.3123

 0.4791, 0.8198,
0.1802

141.8195, 0.3936,
0.3138

 0.0000, 1.0000,
0.0000

177.0337, 0.3878,

 0.0000, 0.0000,

0.3151

0.0000

217.6421, 0.3828,
0.3161

■ 22.2846, 0.4627,
0.2966

■ 22.2846, 0.4627,
0.2966

■ 19.0753, 0.5027,
0.2954

■ 26.6108, 0.4261,
0.3003

■ 16.8755, 0.5431,
0.2975

■ 32.1413, 0.3945,
0.3054

■ 15.5624, 0.5795,
0.3035

■ 38.9587, 0.3680,
0.3112

■ 14.9584, 0.6049,
0.3106

■ 47.1374, 0.3463,
0.3171

■ 56.7462, 0.3286,
0.3229

■ 67.8490, 0.3143,
0.3283

■ 80.5059, 0.3028,
0.3334

■ 93.0961, 0.2933,
0.3353

■ 93.4911, 0.2900,
0.3289

Harmonies

Analogous

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



22.2846, 0.3692, 0.2400



22.2846, 0.4627, 0.2966



22.2846, 0.5057, 0.3621

Triad

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



22.2846, 0.4627, 0.2966



22.2846, 0.3293, 0.5120



22.2846, 0.1586, 0.1993

Complementary

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



22.2846, 0.4627, 0.2966



55.1415, 0.2521, 0.3702

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.



22.2846, 0.1516, 0.2480



22.2846, 0.4627, 0.2966



22.2846, 0.2412, 0.4506

Square

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



22.2846, 0.4627, 0.2966



22.2846, 0.4177, 0.4926



22.2846, 0.1780, 0.3392



22.2846, 0.1974, 0.1861

Rectangle

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



22.2846, 0.4627, 0.2966



22.2846, 0.4979, 0.4080



22.2846, 0.1780, 0.3392



22.2846, 0.1528, 0.2111

Sweetspot

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



22.2858, 0.4627, 0.2966



72.0296, 0.3404, 0.3190



21.7875, 0.2859, 0.1734



14.5912, 0.3459, 0.3172



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.



22.2858, 0.4627, 0.2966



26.2615, 0.5166, 0.2957



28.6988, 0.4754, 0.3700



13.0977, 0.3258, 0.3239



9.0683, 0.6016, 0.3088



0.6004, 0.5556, 0.2834

Inverse Universe

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



22.2858, 0.4627, 0.2966



26.2615, 0.5166, 0.2957



40.1606, 0.2269, 0.2777



13.0977, 0.3258, 0.3239



9.0683, 0.6016, 0.3088



0.6004, 0.5556, 0.2834

Previews

White Background



This preview shows how the Yxy color 22.2846, 0.4627, 0.2966 looks on a white background.

Color Contrast Check

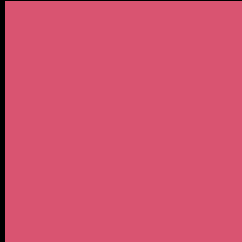
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.2846, 0.4627, 0.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

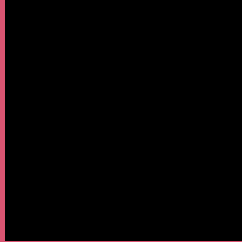
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.2846, 0.4627, 0.2966

Background



This preview shows how black text looks on a background with the Yxy color 22.2846, 0.4627, 0.2966.



This preview shows how white text looks on a background with the Yxy color 22.2846, 0.4627, 0.2966.

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

22.2846, 0.4627, 0.2966

Protanopia

22.5967, 0.3064, 0.3168

Deuteranopia

22.3081, 0.3665, 0.3594



Tritanopia

22.3687, 0.4893, 0.3240

Trichromacy



Original Color

22.2846, 0.4627, 0.2966

Protanomaly

21.0501, 0.3583, 0.3054

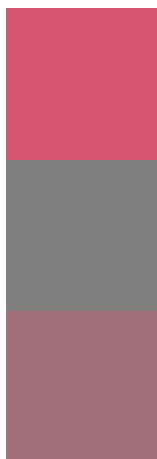
Deuteranomaly

21.3699, 0.4027, 0.3308

Tritanomaly

22.3354, 0.4797, 0.3149

Monochromacy



Original Color

22.2846, 0.4627, 0.2966

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.2476, 0.3645, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.2846, 0.4627, 0.2966 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(217, 84, 113)` looks like.

```
.text, #text, p{  
    color:rgb(217, 84, 113)  
}
```

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(217, 84, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 84, 113) }
```

Border

The CSS property to change the border of an element to Yxy 22.2846, 0.4627, 0.2966 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(217, 84, 113) }
```

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

```
.border{ border-color:rgb(217, 84, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 84, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 84, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 84, 113);  
box-shadow:4px 4px 4px 4px rgb(217, 84,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 22.2846, 0.4627, 0.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 84, 113) }
```

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

```
.background{ background-color: rgb(217, 84,  
113) }
```

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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