

Converting Colors

$Yxy(25.0028, 0.4428, 0.2982)$

Have a look what the booklet for
Yxy(25.0028, 0.4428, 0.2982)
contains.

Yxy(25.0395, 0.4427, 0.2991)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.0395, 0.4427, 0.2991)

Conversions

Conversions Part 1

Format	Color
Hex	DB617B
RGB	219, 97, 123
RGB Percent	86%, 38%, 48%
CMY	0.1412, 0.6196, 0.5177
CMYK	0.00, 0.56, 0.44, 0.14
HSL	347°, 63%, 62%
HSV	347°, 56%, 86%
XYZ	37.0611, 25.0395, 21.6155
YIQ	136.4420, 64.3660, 33.9500

Conversions

Conversions Part 2

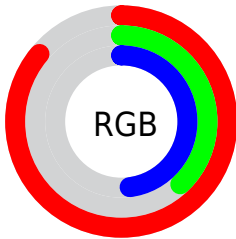
Format	Color
R_{YB}	219, 97, 123
Decimal	14377339
CIE _{Lab}	57.11, 50.14, 9.39
CIE _{LCh}	57, 51.009, 10.604
Yxy	25.0395, 0.4427, 0.2991
Android (android.graphics.Color)	4292567419 (0xFFDB617B)
YUV	136.4420, -6.6269, 72.4034
Hunter-Lab	50.0395, 44.6348, 9.4162

Details

The Yxy color **25.0395, 0.4427, 0.2991** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **57.0523, 0.2552, 0.3650**, and the grayscale version is **24.8038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.4884, 0.3927, 0.3040**, and **9.6375, 0.4899, 0.2845** is the 20% darker color. If you saturate the color by 10%, you get **21.1422, 0.4814, 0.2965**, and if you desaturate by 10%, it is **30.1322, 0.4085, 0.3036**.

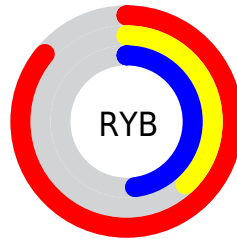
Distribution



Red (86%)

Green (38%)

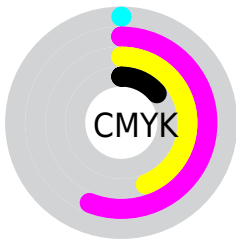
Blue (48%)



Red (86%)

Yellow (38%)

Blue (48%)

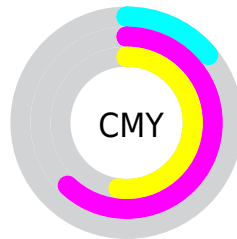


Cyan (0%)

Magenta (56%)

Yellow (44%)

Black (14%)



Cyan (14%)


Magenta (62%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0395, 0.4427, 0.2991 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 25.0395, 0.4427, 0.2991 by changing the saturation by 10% instead.


 25.0395, 0.4427,
0.2991


 25.0395, 0.4427,
0.2991


278.0346, 0.3708,
0.3173


 16.1065, 0.4631,
0.2933


 51.7213, 0.4148,
0.3066

 9.5995, 0.4907,
0.2850


 70.2389, 0.4049,
0.3091

 5.1343, 0.5299,
0.2723

 92.7201, 0.3967,
0.3111

 2.3263, 0.5892,
0.2512

 119.5493, 0.3898,
0.3128

 0.7876, 0.7209,
0.2223

151.1110, 0.3840,
0.3142

 0.0000, 1.0000,
0.0000

187.7895, 0.3789,

 0.0000, 0.0000,

0.3154

0.0000

229.9693, 0.3746,
0.3164

■ 25.0395, 0.4427,
0.2991

■ 25.0395, 0.4427,
0.2991

■ 21.1422, 0.4814,
0.2965

■ 30.1322, 0.4085,
0.3036

■ 18.3381, 0.5223,
0.2967

■ 36.5037, 0.3795,
0.3090

■ 16.5141, 0.5616,
0.3006

■ 44.2345, 0.3556,
0.3148

■ 15.5301, 0.5946,
0.3080

■ 53.3973, 0.3361,
0.3206

■ 15.2612, 0.6064,
0.3114

■ 64.0597, 0.3203,
0.3260

■ 76.2848, 0.3076,
0.3311

■ 90.1323, 0.2972,
0.3358

■ 93.7989, 0.2911,
0.3289

Harmonies

Analogous

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



25.0395, 0.3599, 0.2472



25.0395, 0.4427, 0.2991



25.0395, 0.4839, 0.3596

Triad

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



25.0395, 0.4427, 0.2991



25.0395, 0.3332, 0.4896



25.0395, 0.1722, 0.2138

Complementary

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



25.0395, 0.4427, 0.2991



57.0523, 0.2552, 0.3650

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.



25.0395, 0.1672, 0.2606



25.0395, 0.4427, 0.2991



25.0395, 0.2531, 0.4377

Square

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



25.0395, 0.4427, 0.2991



25.0395, 0.4122, 0.4749



25.0395, 0.1938, 0.3430



25.0395, 0.2071, 0.1996

Rectangle

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



25.0395, 0.4427, 0.2991



25.0395, 0.4799, 0.4014



25.0395, 0.1938, 0.3430



25.0395, 0.1672, 0.2255

Sweetspot

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



25.0408, 0.4427, 0.2991



73.3863, 0.3387, 0.3198



24.9464, 0.2913, 0.1866



15.1239, 0.3424, 0.3186



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.



25.0408, 0.4427, 0.2991



28.9930, 0.4889, 0.2963



32.3097, 0.4530, 0.3699



13.0967, 0.3258, 0.3240



9.0630, 0.6029, 0.3095



0.5999, 0.5572, 0.2843

Inverse Universe

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



25.0408, 0.4427, 0.2991



28.9930, 0.4889, 0.2963



42.1170, 0.2324, 0.2801



13.0967, 0.3258, 0.3240



9.0630, 0.6029, 0.3095



0.5999, 0.5572, 0.2843

Previews

White Background



This preview shows how the Yxy color 25.0395, 0.4427, 0.2991 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 25.0395, 0.4427, 0.2991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

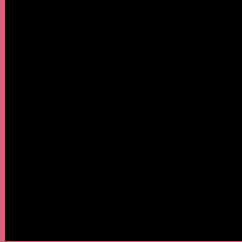
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0395, 0.4427, 0.2991

Background



This preview shows how black text looks on a background with the Yxy color 25.0395, 0.4427, 0.2991.



This preview shows how white text looks on a background with the Yxy color 25.0395, 0.4427, 0.2991.

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

25.0395, 0.4427, 0.2991

Protanopia

25.3389, 0.3057, 0.3157

Deuteranopia

25.0560, 0.3604, 0.3532



Tritanopia

25.0813, 0.4628, 0.3213

Trichromacy



Original Color

25.0395, 0.4427, 0.2991

Protanomaly

23.9407, 0.3505, 0.3062

Deuteranomaly

24.2289, 0.3907, 0.3292

Tritanomaly

25.0214, 0.4549, 0.3131

Monochromacy



Original Color

25.0395, 0.4427, 0.2991

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.6648, 0.3567, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0395, 0.4427, 0.2991 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(219, 97, 123)` looks like.

```
.text, #text, p{  
    color:rgb(219, 97, 123)  
}
```

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(219, 97, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 97, 123) }
```

Border

The CSS property to change the border of an element to Yxy 25.0395, 0.4427, 0.2991 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(219, 97, 123) }
```

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

```
.border{ border-color:rgb(219, 97, 123) }
```

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

Here you see how a box with a 4 pixel rgb(219, 97, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 97, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 97, 123);  
box-shadow:4px 4px 4px 4px rgb(219, 97,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0395, 0.4427, 0.2991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 97, 123) }
```

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

```
.background{ background-color: rgb(219, 97,  
123) }
```

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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