

Converting Colors

$Y_{xy}(24.7270, 0.4332, 0.3030)$

Have a look what the booklet for
Yxy(24.7270, 0.4332, 0.3030)
contains.

Yxy(24.7345, 0.4327, 0.3025)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.7345, 0.4327, 0.3025)

Conversions

Conversions Part 1

Format	Color
Hex	D4657B
RGB	212, 101, 123
RGB Percent	83%, 40%, 48%
CMY	0.1686, 0.6039, 0.5176
CMYK	0.00, 0.52, 0.42, 0.17
HSL	348°, 56%, 61%
HSV	348°, 52%, 83%
XYZ	35.3806, 24.7345, 21.6519
YIQ	136.6970, 59.0940, 30.3740

Conversions

Conversions Part 2

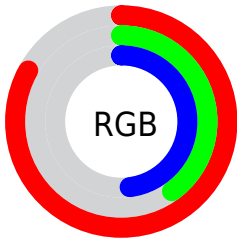
Format	Color
R_{YB}	212, 101, 123
Decimal	13919611
CIE _{Lab}	56.82, 45.82, 8.81
CIE _{LCh}	57, 46.654, 10.882
Yxy	24.7345, 0.4327, 0.3025
Android (android.graphics.Color)	4292109691 (0xFFD4657B)
YUV	136.6970, -6.7526, 66.0407
Hunter-Lab	49.7338, 39.9505, 9.0014

Details

The Yxy color **24.7345, 0.4327, 0.3025** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **53.5709, 0.2567, 0.3600**, and the grayscale version is **24.9065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.7978, 0.3914, 0.3082**, and **9.4919, 0.4771, 0.2893** is the 20% darker color. If you saturate the color by 10%, you get **20.7468, 0.4707, 0.2995**, and if you desaturate by 10%, it is **29.8603, 0.3997, 0.3070**.

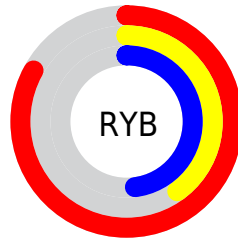
Distribution



Red (83%)

Green (40%)

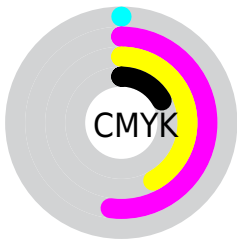
Blue (48%)



Red (83%)

Yellow (40%)

Blue (48%)

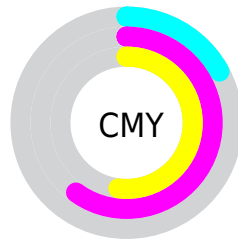


Cyan (0%)

Magenta (52%)

Yellow (42%)

Black (17%)



Cyan (17%)


Magenta (60%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.7345, 0.4327, 0.3025 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 24.7345, 0.4327, 0.3025 by changing the saturation by 10% instead.


 24.7345, 0.4327,
0.3025


 24.7345, 0.4327,
0.3025


276.5131, 0.3661,
0.3186


 15.8794, 0.4517,
0.2973


 51.2262, 0.4068,
0.3092

 9.4388, 0.4775,
0.2899


 69.6315, 0.3976,
0.3114

 5.0285, 0.5146,
0.2784

 91.9890, 0.3900,
0.3132

 2.2640, 0.5712,
0.2590

 118.6831, 0.3837,
0.3147

 0.7546, 0.7034,
0.2330

150.0982, 0.3783,
0.3159

 0.0000, 1.0000,
0.0000

186.6186, 0.3737,

 0.0000, 0.0000,

0.3170

0.0000

228.6288, 0.3696,
0.3178

■ 24.7345, 0.4327,
0.3025

■ 24.7345, 0.4327,
0.3025

■ 20.7468, 0.4707,
0.2995

■ 29.8603, 0.3997,
0.3070

■ 17.8061, 0.5118,
0.2988

■ 36.1984, 0.3719,
0.3122

■ 15.8136, 0.5526,
0.3014

■ 43.8212, 0.3492,
0.3176

■ 14.6497, 0.5883,
0.3075

■ 52.7944, 0.3307,
0.3229

■ 14.1643, 0.6098,
0.3133

■ 63.1791, 0.3158,
0.3279

■ 75.0326, 0.3037,
0.3325

■ 88.4093, 0.2939,
0.3367

■ 92.7369, 0.2872,
0.3289

Harmonies

Analogous

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



24.7345, 0.3572, 0.2534



24.7345, 0.4327, 0.3025



24.7345, 0.4706, 0.3597

Triad

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



24.7345, 0.4327, 0.3025



24.7345, 0.3323, 0.4753



24.7345, 0.1817, 0.2220

Complementary

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



24.7345, 0.4327, 0.3025



53.5709, 0.2567, 0.3600

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.



24.7345, 0.1769, 0.2662



24.7345, 0.4327, 0.3025



24.7345, 0.2578, 0.4271

Square

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



24.7345, 0.4327, 0.3025



24.7345, 0.4056, 0.4648



24.7345, 0.2023, 0.3417



24.7345, 0.2151, 0.2083

Rectangle

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



24.7345, 0.4327, 0.3025



24.7345, 0.4674, 0.3988



24.7345, 0.2023, 0.3417



24.7345, 0.1769, 0.2331

Sweetspot

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



24.7358, 0.4327, 0.3025



74.7439, 0.3373, 0.3209



24.9834, 0.2951, 0.1954



15.3902, 0.3411, 0.3198



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.



24.7358, 0.4327, 0.3025



30.8393, 0.4759, 0.2992



32.0709, 0.4394, 0.3702



12.4607, 0.3260, 0.3244



8.7558, 0.6067, 0.3116



0.5400, 0.5588, 0.2852

Inverse Universe

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



24.7358, 0.4327, 0.3025



30.8393, 0.4759, 0.2992



39.6410, 0.2360, 0.2809



12.4607, 0.3260, 0.3244



8.7558, 0.6067, 0.3116



0.5400, 0.5588, 0.2852

Previews

White Background



This preview shows how the Yxy color 24.7345, 0.4327, 0.3025 looks on a white background.

Color Contrast Check

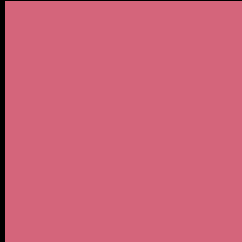
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7345, 0.4327, 0.3025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

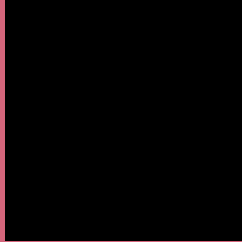
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7345, 0.4327, 0.3025

Background



This preview shows how black text looks on a background with the Yxy color 24.7345, 0.4327, 0.3025.

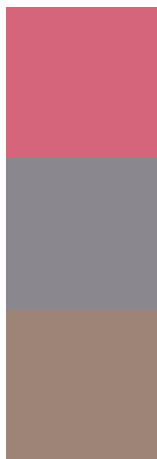


This preview shows how white text looks on a background with the Yxy color 24.7345, 0.4327, 0.3025.

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

24.7345, 0.4327, 0.3025

Protanopia

24.9646, 0.3088, 0.3190

Deuteranopia

24.9786, 0.3580, 0.3517



Tritanopia

24.6752, 0.4490, 0.3209

Trichromacy



Original Color

24.7345, 0.4327, 0.3025

Protanomaly

23.9145, 0.3503, 0.3106

Deuteranomaly

24.3779, 0.3847, 0.3307

Tritanomaly

24.5894, 0.4425, 0.3135

Monochromacy



Original Color

24.7345, 0.4327, 0.3025

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

23.9738, 0.3524, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7345, 0.4327, 0.3025 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(212, 101, 123)` looks like.

```
.text, #text, p{  
    color:rgb(212, 101, 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(212, 101, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 101, 123) }
```

Border

The CSS property to change the border of an element to Yxy 24.7345, 0.4327, 0.3025 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(212, 101, 123) }
```

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

```
.border{ border-color:rgb(212, 101, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 101, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 101, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 101, 123);  
box-shadow:4px 4px 4px 4px rgb(212, 101,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7345, 0.4327, 0.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 101, 123) }
```

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

```
.background{ background-color: rgb(212,  
101, 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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