

Converting Colors

$Y_{xy}(25.6601, 0.4293, 0.3078)$

Have a look what the booklet for
Yxy(25.6601, 0.4293, 0.3078)
contains.

Yxy(25.7352, 0.4301, 0.3085)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.7352, 0.4301, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	D46A7B
RGB	212, 106, 123
RGB Percent	83%, 42%, 48%
CMY	0.1686, 0.5843, 0.5178
CMYK	0.00, 0.50, 0.42, 0.17
HSL	350°, 55%, 62%
HSV	350°, 50%, 83%
XYZ	35.8791, 25.7352, 21.8061
YIQ	139.6320, 57.7190, 27.7590

Conversions

Conversions Part 2

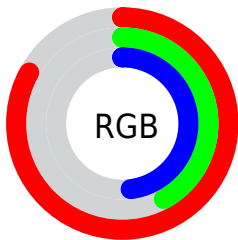
Format	Color
R_{YB}	212, 106, 123
Decimal	13920891
CIE Lab	57.78, 43.32, 10.20
CIE LCh	58, 44.505, 13.252
Yxy	25.7352, 0.4301, 0.3085
Android (android.graphics.Color)	4292110971 (0xFFD46A7B)
YUV	139.6320, -8.1996, 63.4667
Hunter-Lab	50.7299, 37.4683, 10.0253

Details

The Yxy color **25.7352, 0.4301, 0.3085** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **54.0934, 0.2564, 0.3525**, and the grayscale version is **26.0916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.4968, 0.3898, 0.3134**, and **10.0028, 0.4747, 0.2990** is the 20% darker color. If you saturate the color by 10%, you get **21.4875, 0.4689, 0.3059**, and if you desaturate by 10%, it is **31.1466, 0.3966, 0.3123**.

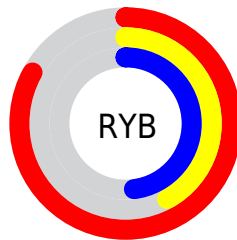
Distribution



Red (83%)

Green (42%)

Blue (48%)



Red (83%)

Yellow (42%)

Blue (48%)

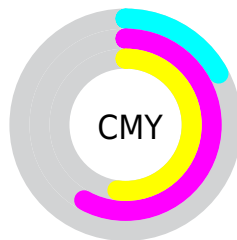


Cyan (0%)

Magenta (50%)

Yellow (42%)

Black (17%)



Cyan (17%)


Magenta (58%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7352, 0.4301, 0.3085 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 25.7352, 0.4301, 0.3085 by changing the saturation by 10% instead.


 25.7352, 0.4301,
0.3085


 25.7352, 0.4301,
0.3085


281.4798, 0.3652,
0.3214


 16.6256, 0.4485,
0.3042


 52.8474, 0.4050,
0.3139

 9.9679, 0.4734,
0.2979


 71.6189, 0.3960,
0.3157

 5.3777, 0.5090,
0.2881

 94.3799, 0.3886,
0.3172

 2.4705, 0.5631,
0.2712

 121.5146, 0.3824,
0.3183

 0.8618, 0.6845,
0.2501

153.4076, 0.3772,
0.3193

 0.0000, 1.0000,
0.0000

190.4432, 0.3726,

 0.0000, 0.0000,

0.3201

0.0000

233.0058, 0.3687,
0.3208

■ 25.7352, 0.4301,
0.3085

■ 25.7352, 0.4301,
0.3085

■ 21.4875, 0.4689,
0.3059

■ 31.1466, 0.3966,
0.3123

■ 18.3140, 0.5114,
0.3051

■ 37.7946, 0.3687,
0.3165

■ 16.1187, 0.5540,
0.3070


■ 45.7506, 0.3459,
0.3209

■ 14.7867, 0.5913,
0.3118


■ 55.0798, 0.3275,
0.3251


■ 14.1123, 0.6189,
0.3183

■ 65.8428, 0.3127,
0.3290

 14.1121, 0.6189,
0.3183

 78.0965, 0.3007,
0.3326

 91.8949, 0.2910,
0.3359

 92.7370, 0.2872,
0.3289

Harmonies

Analogous

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



25.7352, 0.3611, 0.2605



25.7352, 0.4301, 0.3085



25.7352, 0.4624, 0.3636

Triad

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



25.7352, 0.4301, 0.3085



25.7352, 0.3263, 0.4645



25.7352, 0.1896, 0.2257

Complementary

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



25.7352, 0.4301, 0.3085



54.0934, 0.2564, 0.3525

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.



25.7352, 0.1830, 0.2657



25.7352, 0.4301, 0.3085



25.7352, 0.2563, 0.4151

Square

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



25.7352, 0.4301, 0.3085



25.7352, 0.3964, 0.4599



25.7352, 0.2052, 0.3350



25.7352, 0.2239, 0.2142

Rectangle

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



25.7352, 0.4301, 0.3085



25.7352, 0.4575, 0.4007



25.7352, 0.2052, 0.3350



25.7352, 0.1843, 0.2357

Sweetspot

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



25.7365, 0.4301, 0.3085



76.0777, 0.3366, 0.3229



26.5773, 0.2999, 0.2024



15.6497, 0.3406, 0.3220



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.



25.7365, 0.4301, 0.3085



32.2817, 0.4716, 0.3058



34.1880, 0.4290, 0.3729



12.4529, 0.3266, 0.3253



8.7218, 0.6161, 0.3168



0.5364, 0.5723, 0.2927

Inverse Universe

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



25.7365, 0.4301, 0.3085



32.2817, 0.4716, 0.3058



39.1322, 0.2380, 0.2781



12.4529, 0.3266, 0.3253



8.7218, 0.6161, 0.3168



0.5364, 0.5723, 0.2927

Previews

White Background



This preview shows how the Yxy color 25.7352, 0.4301, 0.3085 looks on a white background.

Color Contrast Check

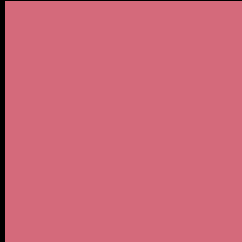
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7352, 0.4301, 0.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

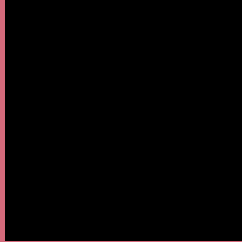
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7352, 0.4301, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 25.7352, 0.4301, 0.3085.



This preview shows how white text looks on a background with the Yxy color 25.7352, 0.4301, 0.3085.

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

25.7352, 0.4301, 0.3085

Protanopia

26.0510, 0.3129, 0.3257

Deuteranopia

25.8318, 0.3608, 0.3545



Tritanopia

25.6021, 0.4395, 0.3195

Trichromacy



Original Color

25.7352, 0.4301, 0.3085

Protanomaly

25.1155, 0.3528, 0.3184

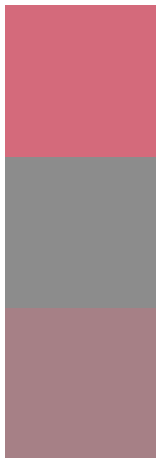
Deuteranomaly

25.3551, 0.3857, 0.3351

Tritanomaly

25.6723, 0.4354, 0.3158

Monochromacy



Original Color

25.7352, 0.4301, 0.3085

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.2666, 0.3513, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7352, 0.4301, 0.3085 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, 106, 123)` looks like.

```
.text, #text, p{  
    color:rgb(212, 106, 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, 106, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 106, 123) }
```

Border

The CSS property to change the border of an element to Yxy 25.7352, 0.4301, 0.3085 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, 106, 123) }
```

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

```
.border{ border-color:rgb(212, 106, 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, 106, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 106, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 106, 123);  
box-shadow:4px 4px 4px 4px rgb(212, 106,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7352, 0.4301, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 106, 123) }
```

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

```
.background{ background-color: rgb(212,  
106, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor