

Converting Colors

$Y_{xy}(24.7573, 0.3553, 0.2177)$

Have a look what the booklet for
Yxy(24.7573, 0.3553, 0.2177)
contains.

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Color

Yxy(24.7573, 0.3553, 0.2177)

Conversions

Conversions Part 1

Format	Color
Hex	D856B9
RGB	216, 86, 185
RGB Percent	85%, 34%, 73%
CMY	0.1529, 0.6627, 0.2744
CMYK	0.00, 0.60, 0.14, 0.15
HSL	314°, 63%, 59%
HSV	314°, 60%, 85%
XYZ	40.4055, 24.7573, 48.5593
YIQ	136.1560, 45.7010, 58.3490

Conversions

Conversions Part 2

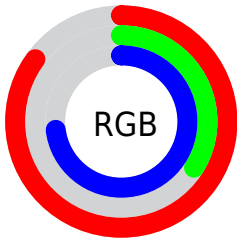
Format	Color
R _Y B	216, 86, 185
Decimal	14177977
CIE Lab	56.84, 62.00, -27.22
CIE LCh	57, 67.711, 336.296
Yxy	24.7573, 0.3553, 0.2177
Android (android.graphics.Color)	4292368057 (0xFFD856B9)
YUV	136.1560, 24.0801, 70.0232
Hunter-Lab	49.7567, 57.8786, -23.0335

Details

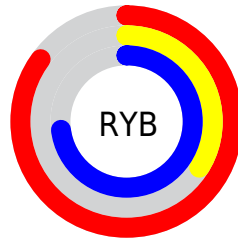
The Yxy color **24.7573, 0.3553, 0.2177** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **52.3747, 0.2893, 0.4794**, and the grayscale version is **24.5781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.9569, 0.3298, 0.2319**, and **9.4714, 0.3657, 0.1869** is the 20% darker color. If you saturate the color by 10%, you get **21.6014, 0.3648, 0.2052**, and if you desaturate by 10%, it is **28.9653, 0.3462, 0.2335**.

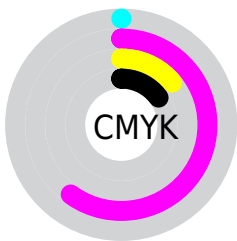
Distribution



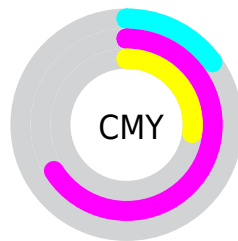
- Red (85%)
- Green (34%)
- Blue (73%)



- Red (85%)
- Yellow (34%)
- Blue (73%)



- Cyan (0%)
- Magenta (60%)
- Yellow (14%)
- Black (15%)




- Cyan (15%)
- Magenta (66%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7573, 0.3553, 0.2177 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 24.7573, 0.3553, 0.2177 by changing the saturation by 10% instead.


 24.7573, 0.3553,
0.2177


 24.7573, 0.3553,
0.2177


276.6271, 0.3345,
0.2730


 15.8963, 0.3602,
0.2042


 51.2632, 0.3479,
0.2376


 9.4508, 0.3663,
0.1872

 69.6770, 0.3451,
0.2452

 5.0364, 0.3740,
0.1651


 92.0437, 0.3427,
0.2516

 2.2686, 0.3839,
0.1358

 118.7480, 0.3406,
0.2571

 0.7570, 0.3966,
0.0956

150.1740, 0.3388,
0.2619

 0.0000, 0.4288,
0.0000

186.7063, 0.3372,

 0.0000, 0.2888,

0.2660

0.0000

228.7292, 0.3358,
0.2697

0.0000, 0.0000,
0.0000

24.7573, 0.3553,
0.2177

24.7573, 0.3553,
0.2177

21.6014, 0.3648,
0.2052

28.9653, 0.3462,
0.2335

19.3968, 0.3745,
0.1969

34.3071, 0.3378,
0.2515

18.0292, 0.3840,
0.1933

40.8602, 0.3303,
0.2708

17.2985, 0.3930,
0.1939

48.6945, 0.3236,
0.2905

57.8744, 0.3178,
0.3099

■ 68.4599, 0.3128,
0.3287

■ 80.5077, 0.3086,
0.3464

■ 91.6211, 0.3051,
0.3591

■ 91.9083, 0.3022,
0.3536

Harmonies

Analogous

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



24.7573, 0.2444, 0.1793



24.7573, 0.3553, 0.2177



24.7573, 0.4716, 0.2771

Triad

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



24.7573, 0.3553, 0.2177



24.7573, 0.4438, 0.5016



24.7573, 0.1328, 0.2478

Complementary

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



24.7573, 0.3553, 0.2177



52.3747, 0.2893, 0.4794

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.



24.7573, 0.1673, 0.3630



24.7573, 0.3553, 0.2177



24.7573, 0.3452, 0.5471

Square

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



24.7573, 0.3553, 0.2177



24.7573, 0.5166, 0.4235



24.7573, 0.2439, 0.4964



24.7573, 0.1353, 0.1868

Rectangle

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



24.7573, 0.3553, 0.2177



24.7573, 0.5218, 0.3231



24.7573, 0.2439, 0.4964



24.7573, 0.1398, 0.2802

Sweetspot

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



24.7585, 0.3553, 0.2177



73.4454, 0.3224, 0.2945



15.3496, 0.2187, 0.1461



14.9357, 0.3242, 0.2887



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.



24.7585, 0.3553, 0.2177



30.5331, 0.3672, 0.2027



22.6272, 0.4485, 0.2893



12.5797, 0.3174, 0.3114



10.2564, 0.3917, 0.1931



0.6311, 0.3769, 0.1850

Inverse Universe

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



24.7585, 0.3553, 0.2177



30.5331, 0.3672, 0.2027



54.4407, 0.2559, 0.3789



12.5797, 0.3174, 0.3114



10.2564, 0.3917, 0.1931



0.6311, 0.3769, 0.1850

Previews

White Background



This preview shows how the Yxy color 24.7573, 0.3553, 0.2177 looks on a white background.

Color Contrast Check

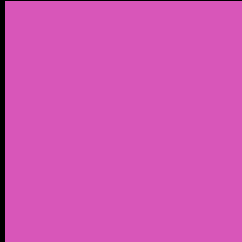
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7573, 0.3553, 0.2177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

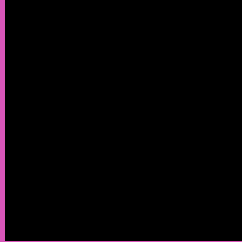
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7573, 0.3553, 0.2177

Background



This preview shows how black text looks on a background with the Yxy color 24.7573, 0.3553, 0.2177.

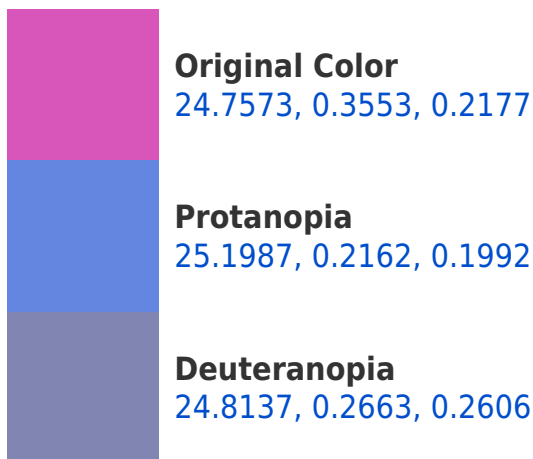


This preview shows how white text looks on a background with the Yxy color 24.7573, 0.3553, 0.2177.

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





Tritanopia

24.8283, 0.4427, 0.3207

Trichromacy



Original Color

24.7573, 0.3553, 0.2177



Protanomaly

23.2154, 0.2518, 0.1994



Deuteranomaly

23.4915, 0.2946, 0.2378



Tritanomaly

24.5965, 0.4109, 0.2794

Monochromacy



Original Color

24.7573, 0.3553, 0.2177



Achromatopsia

24.6201, 0.3127, 0.3290



Achromatomaly

23.2893, 0.3285, 0.2749

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7573, 0.3553, 0.2177 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(216, 86, 185)` looks like.

```
.text, #text, p{  
    color:rgb(216, 86, 185)  
}
```

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(216, 86, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 86, 185) }
```

Border

The CSS property to change the border of an element to Yxy 24.7573, 0.3553, 0.2177 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(216, 86, 185) }
```

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

```
.border{ border-color:rgb(216, 86, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 86, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 86, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 86, 185); box-shadow:4px 4px 4px 4px rgb(216, 86, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7573, 0.3553, 0.2177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 86, 185) }
```

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

```
.background{ background-color: rgb(216, 86,  
185) }
```

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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