

Converting Colors

$Y_{xy}(24.3595, 0.3896, 0.2596)$

Have a look what the booklet for
Yxy(24.3595, 0.3896, 0.2596)
contains.

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Color

Yxy(24.3673, 0.3893, 0.2598)

Conversions

Conversions Part 1

Format	Color
Hex	D26099
RGB	210, 96, 153
RGB Percent	82%, 38%, 60%
CMY	0.1764, 0.6235, 0.4000
CMYK	0.00, 0.54, 0.27, 0.18
HSL	330°, 56%, 60%
HSV	330°, 54%, 82%
XYZ	36.5134, 24.3673, 32.9118
YIQ	136.5840, 49.6470, 41.8950

Conversions

Conversions Part 2

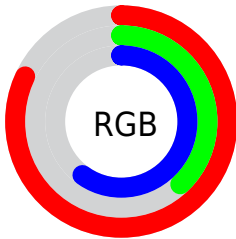
Format	Color
R_{YB}	210, 96, 153
Decimal	13787289
CIE _{Lab}	56.45, 51.17, -9.30
CIE _{LCh}	56, 52.014, 349.697
Yxy	24.3673, 0.3893, 0.2598
Android (android.graphics.Color)	4291977369 (0xFFD26099)
YUV	136.5840, 8.0931, 64.3858
Hunter-Lab	49.3632, 45.6487, -4.9760

Details

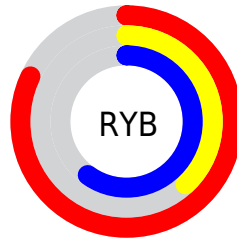
The Yxy color **24.3673, 0.3893, 0.2598** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **50.8877, 0.2740, 0.4147**, and the grayscale version is **24.8062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.5777, 0.3606, 0.2705**, and **9.2206, 0.4153, 0.2373** is the 20% darker color. If you saturate the color by 10%, you get **20.7030, 0.4113, 0.2503**, and if you desaturate by 10%, it is **29.0880, 0.3697, 0.2716**.

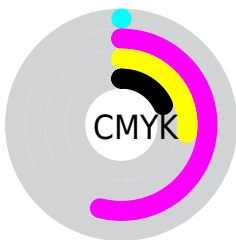
Distribution



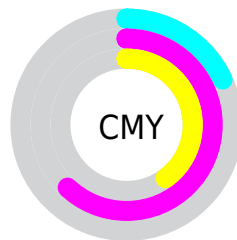
- Red (82%)
- Green (38%)
- Blue (60%)



- Red (82%)
- Yellow (38%)
- Blue (60%)



- Cyan (0%)
- Magenta (54%)
- Yellow (27%)
- Black (18%)





- Cyan (18%)
- Magenta (62%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.3673, 0.3893, 0.2598 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 24.3673, 0.3893, 0.2598 by changing the saturation by 10% instead.


 24.3673, 0.3893,
0.2598


 24.3673, 0.3893,
0.2598


274.6722, 0.3479,
0.2963


 15.6063, 0.4007,
0.2501


 50.6289, 0.3735,
0.2735

 9.2460, 0.4160,
0.2373


 68.8983, 0.3678,
0.2785

 4.9020, 0.4377,
0.2197


 91.1060, 0.3631,
0.2827

 2.1899, 0.4703,
0.1942

 117.6364, 0.3591,
0.2862

 0.7145, 0.5258,
0.1525

148.8738, 0.3557,
0.2893

 0.0000, 0.7972,
0.0000

185.2026, 0.3528,

 0.0000, 0.0000,

0.2919

0.0000

227.0073, 0.3502,
0.2942

■ 24.3673, 0.3893,
0.2598

■ 24.3673, 0.3893,
0.2598

■ 20.7030, 0.4113,
0.2503

■ 29.0880, 0.3697,
0.2716

■ 18.0071, 0.4352,
0.2444

■ 34.9365, 0.3528,
0.2846

■ 16.1834, 0.4599,
0.2432

■ 41.9821, 0.3385,
0.2980

■ 15.1137, 0.4843,
0.2474

■ 50.2876, 0.3265,
0.3112

■ 14.7233, 0.4978,
0.2516

■ 59.9113, 0.3165,
0.3238

70.9077, 0.3082,
0.3357

83.3284, 0.3014,
0.3467

91.3393, 0.2956,
0.3478

91.9715, 0.2900,
0.3367

Harmonies

Analogous

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



24.3673, 0.2966, 0.2180



24.3673, 0.3893, 0.2598



24.3673, 0.4652, 0.3161

Triad

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



24.3673, 0.3893, 0.2598



24.3673, 0.3910, 0.4893



24.3673, 0.1621, 0.2401

Complementary

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



24.3673, 0.3893, 0.2598



50.8877, 0.2740, 0.4147

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.



24.3673, 0.1789, 0.3140



24.3673, 0.3893, 0.2598



24.3673, 0.3074, 0.4861

Square

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



24.3673, 0.3893, 0.2598



24.3673, 0.4589, 0.4421



24.3673, 0.2297, 0.4134



24.3673, 0.1765, 0.2033

Rectangle

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



24.3673, 0.3893, 0.2598



24.3673, 0.4882, 0.3577



24.3673, 0.2297, 0.4134



24.3673, 0.1641, 0.2605

Sweetspot

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



24.3685, 0.3893, 0.2598



75.4292, 0.3286, 0.3087



19.7918, 0.2585, 0.1767



15.5525, 0.3310, 0.3060



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.



24.3685, 0.3893, 0.2598



31.4290, 0.4146, 0.2492



22.9134, 0.4727, 0.3295



11.9054, 0.3213, 0.3174



8.9999, 0.4945, 0.2498



0.5192, 0.4542, 0.2276

Inverse Universe

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



24.3685, 0.3893, 0.2598



31.4290, 0.4146, 0.2492



53.2410, 0.2440, 0.3288



11.9054, 0.3213, 0.3174



8.9999, 0.4945, 0.2498



0.5192, 0.4542, 0.2276

Previews

White Background



This preview shows how the Yxy color 24.3673, 0.3893, 0.2598 looks on a white background.

Color Contrast Check

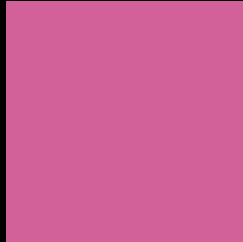
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3673, 0.3893, 0.2598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

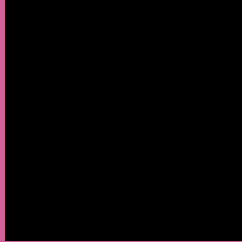
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3673, 0.3893, 0.2598

Background



This preview shows how black text looks on a background with the Yxy color 24.3673, 0.3893, 0.2598.



This preview shows how white text looks on a background with the Yxy color 24.3673, 0.3893, 0.2598.

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

24.3673, 0.3893, 0.2598

Protanopia

24.5900, 0.2611, 0.2571

Deuteranopia

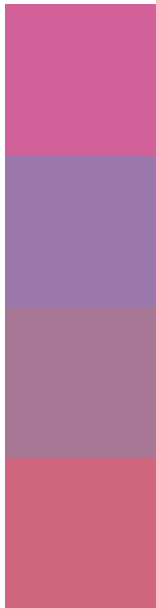
24.5384, 0.3105, 0.3045



Tritanopia

24.3948, 0.4393, 0.3206

Trichromacy



Original Color

24.3673, 0.3893, 0.2598

Protanomaly

23.3038, 0.2992, 0.2537

Deuteranomaly

23.6884, 0.3379, 0.2841

Tritanomaly

24.3004, 0.4206, 0.2979

Monochromacy



Original Color

24.3673, 0.3893, 0.2598

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

23.7948, 0.3396, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3673, 0.3893, 0.2598 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(210, 96, 153)` looks like.

```
.text, #text, p{  
  color:rgb(210, 96, 153)  
}
```

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(210, 96, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 96, 153) }
```

Border

The CSS property to change the border of an element to Yxy 24.3673, 0.3893, 0.2598 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(210, 96, 153) }
```

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

```
.border{ border-color:rgb(210, 96, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 96, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 96, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 96, 153);  
box-shadow:4px 4px 4px 4px rgb(210, 96,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3673, 0.3893, 0.2598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 96, 153) }
```

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

```
.background{ background-color: rgb(210, 96,  
153) }
```

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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