

Converting Colors

$Y_{xy}(24.9440, 0.3478, 0.2544)$

Have a look what the booklet for
Yxy(24.9440, 0.3478, 0.2544)
contains.

Yxy(24.8969, 0.3476, 0.2539)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(24.8969, 0.3476, 0.2539)

Conversions

Conversions Part 1

Format	Color
Hex	C06DA6
RGB	192, 109, 166
RGB Percent	75%, 43%, 65%
CMY	0.2471, 0.5725, 0.3491
CMYK	0.00, 0.43, 0.14, 0.25
HSL	319°, 40%, 59%
HSV	319°, 43%, 75%
XYZ	34.0849, 24.8969, 39.0761
YIQ	140.3150, 31.1710, 35.3230

Conversions

Conversions Part 2

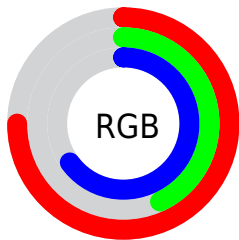
Format	Color
RYB	192, 109, 166
Decimal	12610982
CIELab	56.97, 40.68, -16.31
CIELCh	57, 43.832, 338.155
Yxy	24.8969, 0.3476, 0.2539
Android (android.graphics.Color)	4290801062 (0xFFC06DA6)
YUV	140.3150, 12.6627, 45.3277
Hunter-Lab	49.8968, 34.6155, -11.5045

Details

The Yxy color **24.8969, 0.3476, 0.2539** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **42.6939, 0.2900, 0.4192**, and the grayscale version is **26.2962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3851, 0.3412, 0.2681**, and **9.5594, 0.3590, 0.2309** is the 20% darker color. If you saturate the color by 10%, you get **21.0232, 0.3589, 0.2379**, and if you desaturate by 10%, it is **29.6778, 0.3375, 0.2712**.

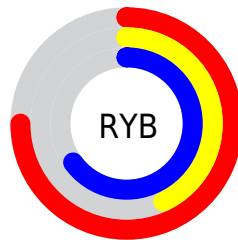
Distribution



Red (75%)

Green (43%)

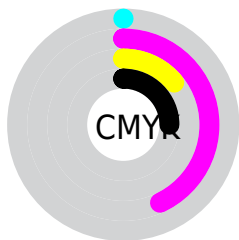
Blue (65%)



Red (75%)

Yellow (43%)

Blue (65%)

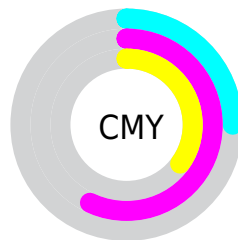


Cyan (0%)

Magenta (43%)

Yellow (14%)

Black (25%)



Cyan (25%)

Magenta (57%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8969, 0.3476, 0.2539 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 24.8969, 0.3476, 0.2539 by changing the saturation by 10% instead.


 24.8969, 0.3476,
0.2539


 24.8969, 0.3476,
0.2539


277.3241, 0.3295,
0.2928


 16.0003, 0.3523,
0.2438


 51.4899, 0.3409,
0.2684

 9.5243, 0.3584,
0.2306


 69.9551, 0.3384,
0.2737

 5.0847, 0.3667,
0.2127


 92.3785, 0.3363,
0.2782

 2.2971, 0.3785,
0.1872

 119.1447, 0.3346,
0.2820

 0.7722, 0.3968,
0.1478

150.6379, 0.3331,
0.2852

 0.0000, 0.4653,
0.0000

187.2427, 0.3317,

 0.0000, 0.0000,

0.2881

0.0000

229.3432, 0.3306,
0.2906

■ 24.8969, 0.3476,
0.2539

■ 24.8969, 0.3476,
0.2539

■ 21.0232, 0.3589,
0.2379

■ 29.6778, 0.3375,
0.2712

■ 17.9942, 0.3713,
0.2243

■ 35.4161, 0.3287,
0.2890

■ 15.7450, 0.3844,
0.2140

■ 42.1624, 0.3211,
0.3067

■ 14.1998, 0.3978,
0.2082

■ 49.9628, 0.3146,
0.3237

■ 13.2674, 0.4111,
0.2073


■ 58.8604, 0.3091,
0.3398

 12.8650, 0.4200,
0.2087

 68.8960, 0.3045,
0.3549

 80.1082, 0.3007,
0.3689

 87.5852, 0.2974,
0.3740

 87.8986, 0.2942,
0.3672

Harmonies

Analogous

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



24.8969, 0.2725, 0.2238



24.8969, 0.3476, 0.2539



24.8969, 0.4199, 0.2998

Triad

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



24.8969, 0.3476, 0.2539



24.8969, 0.4067, 0.4543



24.8969, 0.1851, 0.2759

Complementary

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



24.8969, 0.3476, 0.2539



42.6939, 0.2900, 0.4192

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.



24.8969, 0.2124, 0.3488



24.8969, 0.3476, 0.2539



24.8969, 0.3387, 0.4668

Square

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



24.8969, 0.3476, 0.2539



24.8969, 0.4527, 0.4093



24.8969, 0.2675, 0.4264



24.8969, 0.1869, 0.2308

Rectangle

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



24.8969, 0.3476, 0.2539



24.8969, 0.4514, 0.3355



24.8969, 0.2675, 0.4264



24.8969, 0.1909, 0.2976

Sweetspot

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



24.8981, 0.3476, 0.2539



76.4190, 0.3210, 0.3067



19.8072, 0.2557, 0.2042



15.7751, 0.3226, 0.3028



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.8981, 0.3476, 0.2539



38.3390, 0.3585, 0.2385



23.6419, 0.4012, 0.3065



10.1920, 0.3184, 0.3133



8.6731, 0.4184, 0.2079



0.3867, 0.3917, 0.1931

Inverse Universe

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



24.8981, 0.3476, 0.2539



38.3390, 0.3585, 0.2385



44.0545, 0.2645, 0.3538



10.1920, 0.3184, 0.3133



8.6731, 0.4184, 0.2079



0.3867, 0.3917, 0.1931

Previews

White Background



This preview shows how the Yxy color 24.8969, 0.3476, 0.2539 looks on a white background.

Color Contrast Check

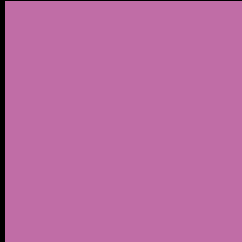
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8969, 0.3476, 0.2539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

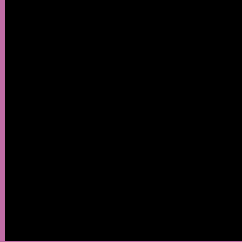
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8969, 0.3476, 0.2539

Background



This preview shows how black text looks on a background with the Yxy color 24.8969, 0.3476, 0.2539.



This preview shows how white text looks on a background with the Yxy color 24.8969, 0.3476, 0.2539.

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

24.8969, 0.3476, 0.2539

Protanopia

25.0417, 0.2559, 0.2504

Deuteranopia

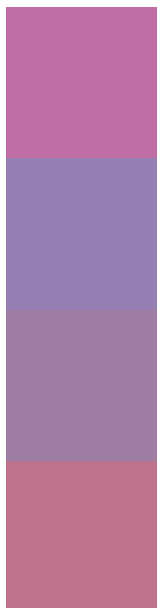
25.1478, 0.2903, 0.2841



Tritanopia

24.9203, 0.3922, 0.3166

Trichromacy



Original Color

24.8969, 0.3476, 0.2539

Protanomaly

24.4320, 0.2842, 0.2505

Deuteranomaly

24.5807, 0.3097, 0.2715

Tritanomaly

24.7765, 0.3747, 0.2919

Monochromacy



Original Color

24.8969, 0.3476, 0.2539

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.2414, 0.3257, 0.2981

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8969, 0.3476, 0.2539 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(192, 109, 166)` looks like.

```
.text, #text, p{  
    color:rgb(192, 109, 166)  
}
```

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(192, 109, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 109, 166) }
```

Border

The CSS property to change the border of an element to Yxy 24.8969, 0.3476, 0.2539 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(192, 109, 166) }
```

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

```
.border{ border-color:rgb(192, 109, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 109, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 109, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 109, 166);  
box-shadow:4px 4px 4px 4px rgb(192, 109,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8969, 0.3476, 0.2539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 109, 166) }
```

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

```
.background{ background-color: rgb(192,  
109, 166) }
```

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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