

Converting Colors

$Y_{xy}(22.3941, 0.3272, 0.2141)$

Have a look what the booklet for
Yxy(22.3941, 0.3272, 0.2141)
contains.

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Color

Yxy(22.4959, 0.3277, 0.2149)

Conversions

Conversions Part 1

Format	Color
Hex	C05DB8
RGB	192, 93, 184
RGB Percent	75%, 36%, 72%
CMY	0.2471, 0.6353, 0.2784
CMYK	0.00, 0.52, 0.04, 0.25
HSL	305°, 44%, 56%
HSV	305°, 52%, 75%
XYZ	34.3039, 22.4959, 47.8810
YIQ	132.9750, 29.7930, 49.2890

Conversions

Conversions Part 2

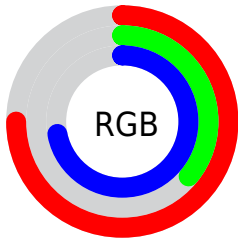
Format	Color
R_{YB}	192, 93, 184
Decimal	12606904
CIE _{Lab}	54.55, 51.90, -30.45
CIE _{LCh}	55, 60.173, 329.597
Yxy	22.4959, 0.3277, 0.2149
Android (android.graphics.Color)	4290796984 (0xFFC05DB8)
YUV	132.9750, 25.1553, 51.7649
Hunter-Lab	47.4298, 46.0989, -26.6531

Details

The Yxy color **22.4959, 0.3277, 0.2149** 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 **40.9662, 0.3006, 0.4789**, and the grayscale version is **23.3456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.4827, 0.3260, 0.2360**, and **8.2592, 0.3286, 0.1816** is the 20% darker color. If you saturate the color by 10%, you get **19.4741, 0.3310, 0.1974**, and if you desaturate by 10%, it is **26.3665, 0.3244, 0.2352**.

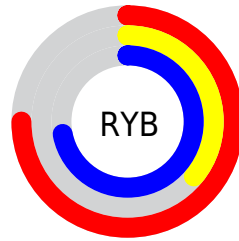
Distribution



Red (75%)

Green (36%)

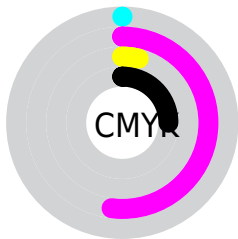
Blue (72%)



Red (75%)

Yellow (36%)

Blue (72%)

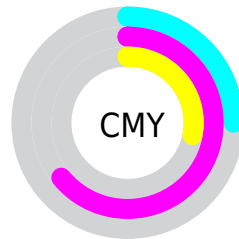


Cyan (0%)

Magenta (52%)

Yellow (4%)

Black (25%)



Cyan (25%)


Magenta (64%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.4959, 0.3277, 0.2149 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 22.4959, 0.3277, 0.2149 by changing the saturation by 10% instead.


 22.4959, 0.3277,
0.2149


 22.4959, 0.3277,
0.2149


265.1252, 0.3217,
0.2725


 14.2217, 0.3286,
0.2006


 47.5643, 0.3260,
0.2358

 8.2750, 0.3293,
0.1825

 65.1272, 0.3252,
0.2437

 4.2714, 0.3294,
0.1589


 86.5553, 0.3245,
0.2503

 1.8265, 0.3279,
0.1273

 112.2328, 0.3238,
0.2560

 0.5036, 0.3241,
0.0774

142.5441, 0.3232,
0.2610

 0.0000, 0.3069,
0.0000

177.8737, 0.3227,

 0.0000, 0.0000,

0.2653

0.0000

218.6059, 0.3222,
0.2691

■ 22.4959, 0.3277,
0.2149

■ 22.4959, 0.3277,
0.2149

■ 19.4741, 0.3310,
0.1974

■ 26.3665, 0.3244,
0.2352

■ 17.2335, 0.3343,
0.1834

■ 31.1407, 0.3212,
0.2572

■ 15.7012, 0.3374,
0.1735

■ 36.8723, 0.3183,
0.2801

■ 14.7892, 0.3402,
0.1680

■ 43.6100, 0.3155,
0.3031

■ 14.3601, 0.3424,
0.1660

■ 51.3993, 0.3131,
0.3256

■ 60.2828, 0.3109,
0.3470

■ 70.3008, 0.3090,
0.3672

■ 81.4916, 0.3073,
0.3859

■ 86.8019, 0.3062,
0.3926

Harmonies

Analogous

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



22.4959, 0.2310, 0.1837



22.4959, 0.3277, 0.2149



22.4959, 0.4375, 0.2678

Triad

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



22.4959, 0.3277, 0.2149



22.4959, 0.4556, 0.4773



22.4959, 0.1483, 0.2749

Complementary

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



22.4959, 0.3277, 0.2149



40.9662, 0.3006, 0.4789

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.



22.4959, 0.1910, 0.3894



22.4959, 0.3277, 0.2149



22.4959, 0.3675, 0.5264

Square

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



22.4959, 0.3277, 0.2149



22.4959, 0.5122, 0.4047



22.4959, 0.2710, 0.4998



22.4959, 0.1427, 0.2060

Rectangle

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



22.4959, 0.3277, 0.2149



22.4959, 0.4931, 0.3106



22.4959, 0.2710, 0.4998



22.4959, 0.1581, 0.3089

Sweetspot

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



22.4969, 0.3277, 0.2149



74.3077, 0.3165, 0.2947



14.3225, 0.2203, 0.1693



15.3828, 0.3171, 0.2898



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.



22.4969, 0.3277, 0.2149



34.6197, 0.3315, 0.1951



20.8111, 0.3929, 0.2717



10.2330, 0.3150, 0.3081



9.6684, 0.3421, 0.1658



0.4220, 0.3368, 0.1629

Inverse Universe

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



22.4969, 0.3277, 0.2149



34.6197, 0.3315, 0.1951



42.1996, 0.2714, 0.3977



10.2330, 0.3150, 0.3081



9.6684, 0.3421, 0.1658



0.4220, 0.3368, 0.1629

Previews

White Background



This preview shows how the Yxy color 22.4959, 0.3277, 0.2149 looks on a white background.

Color Contrast Check

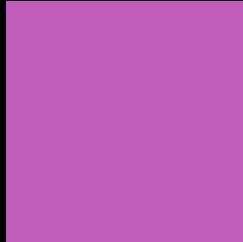
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4959, 0.3277, 0.2149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

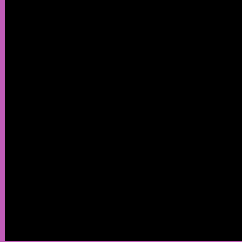
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.4959, 0.3277, 0.2149

Background



This preview shows how black text looks on a background with the Yxy color 22.4959, 0.3277, 0.2149.



This preview shows how white text looks on a background with the Yxy color 22.4959, 0.3277, 0.2149.

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

22.4959, 0.3277, 0.2149

Protanopia

22.7838, 0.2173, 0.2008

Deuteranopia

22.6968, 0.2546, 0.2489



Tritanopia

22.4120, 0.4034, 0.3178

Trichromacy



Original Color

22.4959, 0.3277, 0.2149



Protanomaly

21.4313, 0.2473, 0.2015



Deuteranomaly

21.7154, 0.2773, 0.2317



Tritanomaly

22.1884, 0.3758, 0.2766

Monochromacy



Original Color

22.4959, 0.3277, 0.2149



Achromatopsia

23.4551, 0.3127, 0.3290



Achromatomaly

22.0939, 0.3176, 0.2755

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.4959, 0.3277, 0.2149 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, 93, 184)` looks like.

```
.text, #text, p{  
  color:rgb(192, 93, 184)  
}
```

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, 93, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 93, 184) }
```

Border

The CSS property to change the border of an element to Yxy 22.4959, 0.3277, 0.2149 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, 93, 184) }
```

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

```
.border{ border-color:rgb(192, 93, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 93, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 93, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 93, 184);  
box-shadow:4px 4px 4px 4px rgb(192, 93,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 22.4959, 0.3277, 0.2149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 93, 184) }
```

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

```
.background{ background-color: rgb(192, 93,  
184) }
```

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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