

Converting Colors

$Y_{xy}(23.9695, 0.3531, 0.2188)$

Have a look what the booklet for
Yxy(23.9695, 0.3531, 0.2188)
contains.

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Color

Yxy(24.0427, 0.3532, 0.2193)

Conversions

Conversions Part 1

Format	Color
Hex	D357B6
RGB	211, 87, 182
RGB Percent	83%, 34%, 71%
CMY	0.1725, 0.6589, 0.2862
CMYK	0.00, 0.59, 0.14, 0.17
HSL	314°, 59%, 58%
HSV	314°, 59%, 83%
XYZ	38.7227, 24.0427, 46.8685
YIQ	134.9060, 43.4090, 55.8330

Conversions

Conversions Part 2

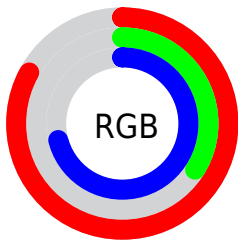
Format	Color
R _Y B	211, 87, 182
Decimal	13850550
CIE Lab	56.13, 59.76, -26.65
CIE LCh	56, 65.427, 335.967
Yxy	24.0427, 0.3532, 0.2193
Android (android.graphics.Color)	4292040630 (0xFFD357B6)
YUV	134.9060, 23.2173, 66.7344
Hunter-Lab	49.0334, 55.1568, -22.3489

Details

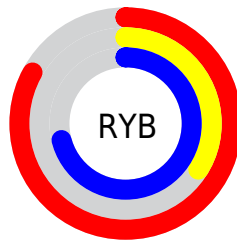
The Yxy color **24.0427, 0.3532, 0.2193** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **49.8864, 0.2899, 0.4760**, and the grayscale version is **24.0908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.0780, 0.3324, 0.2353**, and **9.0525, 0.3628, 0.1882** is the 20% darker color. If you saturate the color by 10%, you get **20.9124, 0.3625, 0.2062**, and if you desaturate by 10%, it is **28.1808, 0.3444, 0.2355**.

Distribution



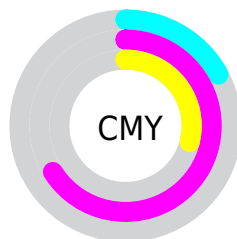
- Red (83%)
- Green (34%)
- Blue (71%)



- Red (83%)
- Yellow (34%)
- Blue (71%)



- Cyan (0%)
- Magenta (59%)
- Yellow (14%)
- Black (17%)




- Cyan (17%)
- Magenta (66%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0427, 0.3532, 0.2193 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 24.0427, 0.3532, 0.2193 by changing the saturation by 10% instead.


 24.0427, 0.3532,
0.2193


 24.0427, 0.3532,
0.2193


273.0363, 0.3334,
0.2742


 15.3653, 0.3579,
0.2058


 50.0999, 0.3462,
0.2392

 9.0762, 0.3638,
0.1886


 68.2484, 0.3435,
0.2467

 4.7909, 0.3712,
0.1663


 90.3228, 0.3412,
0.2530

 2.1251, 0.3806,
0.1365

 116.7075, 0.3392,
0.2585

 0.6787, 0.3932,
0.0940

147.7867, 0.3375,
0.2632

 0.0000, 0.4221,
0.0000

183.9450, 0.3359,

 0.0000, 0.0000,

0.2673

0.0000

225.5668, 0.3346,
0.2710

■ 24.0427, 0.3532,
0.2193

■ 24.0427, 0.3532,
0.2193

■ 20.9124, 0.3625,
0.2062

■ 28.1808, 0.3444,
0.2355

■ 18.6967, 0.3719,
0.1972

■ 33.4024, 0.3363,
0.2539

■ 17.2906, 0.3812,
0.1928

■ 39.7798, 0.3290,
0.2733

■ 16.5272, 0.3902,
0.1928

■ 47.3782, 0.3226,
0.2931

■ 16.4501, 0.3913,
0.1929

■ 56.2577, 0.3170,
0.3125

■ 66.4747, 0.3122,
0.3312

■ 78.0820, 0.3081,
0.3489

■ 90.6192, 0.3047,
0.3645

■ 90.8869, 0.3020,
0.3591

Harmonies

Analogous

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



24.0427, 0.2449, 0.1817



24.0427, 0.3532, 0.2193



24.0427, 0.4668, 0.2777

Triad

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



24.0427, 0.3532, 0.2193



24.0427, 0.4431, 0.4981



24.0427, 0.1362, 0.2509

Complementary

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



24.0427, 0.3532, 0.2193



49.8864, 0.2899, 0.4760

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.



24.0427, 0.1710, 0.3640



24.0427, 0.3532, 0.2193



24.0427, 0.3466, 0.5417

Square

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



24.0427, 0.3532, 0.2193



24.0427, 0.5135, 0.4221



24.0427, 0.2469, 0.4928



24.0427, 0.1381, 0.1901

Rectangle

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



24.0427, 0.3532, 0.2193



24.0427, 0.5165, 0.3231



24.0427, 0.2469, 0.4928



24.0427, 0.1433, 0.2829

Sweetspot

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



24.0439, 0.3532, 0.2193



73.4580, 0.3222, 0.2943



15.2250, 0.2214, 0.1508



14.9388, 0.3240, 0.2885



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.



24.0439, 0.3532, 0.2193



30.9384, 0.3653, 0.2031



22.0229, 0.4433, 0.2899



11.9598, 0.3173, 0.3114



9.9415, 0.3900, 0.1922



0.5676, 0.3748, 0.1838

Inverse Universe

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



24.0439, 0.3532, 0.2193



30.9384, 0.3653, 0.2031



51.8381, 0.2567, 0.3775



11.9598, 0.3173, 0.3114



9.9415, 0.3900, 0.1922



0.5676, 0.3748, 0.1838

Previews

White Background



This preview shows how the Yxy color 24.0427, 0.3532, 0.2193 looks on a white background.

Color Contrast Check

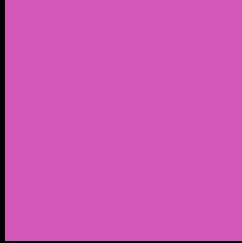
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0427, 0.3532, 0.2193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

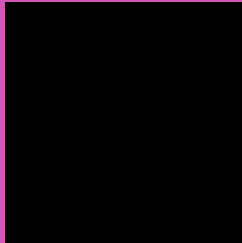
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0427, 0.3532, 0.2193

Background



This preview shows how black text looks on a background with the Yxy color 24.0427, 0.3532, 0.2193.



This preview shows how white text looks on a background with the Yxy color 24.0427, 0.3532, 0.2193.

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

24.0427, 0.3532, 0.2193

Protanopia

24.3312, 0.2185, 0.2023

Deuteranopia

24.3822, 0.2669, 0.2616



Tritanopia

24.1104, 0.4370, 0.3205

Trichromacy



Original Color

24.0427, 0.3532, 0.2193



Protanomaly

22.5613, 0.2535, 0.2025



Deuteranomaly

22.9742, 0.2944, 0.2383



Tritanomaly

23.8069, 0.4079, 0.2805

Monochromacy



Original Color

24.0427, 0.3532, 0.2193



Achromatopsia

24.2281, 0.3127, 0.3290



Achromatomaly

23.0104, 0.3284, 0.2773

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0427, 0.3532, 0.2193 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(211, 87, 182)` looks like.

```
.text, #text, p{  
    color:rgb(211, 87, 182)  
}
```

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(211, 87, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 87, 182) }
```

Border

The CSS property to change the border of an element to Yxy 24.0427, 0.3532, 0.2193 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(211, 87, 182) }
```

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

```
.border{ border-color:rgb(211, 87, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 87, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 87, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 87, 182);  
box-shadow:4px 4px 4px 4px rgb(211, 87,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0427, 0.3532, 0.2193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 87, 182) }
```

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

```
.background{ background-color: rgb(211, 87,  
182) }
```

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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