

Converting Colors

$Y_{xy}(25.3182, 0.3059, 0.1773)$

Have a look what the booklet for
Yxy(25.3182, 0.3059, 0.1773)
contains.

Yxy(25.3182, 0.3059, 0.1773)	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(25.3182, 0.3059, 0.1773)

Conversions

Conversions Part 1

Format	Color
Hex	D451E1
RGB	212, 81, 225
RGB Percent	83%, 32%, 88%
CMY	0.1686, 0.6823, 0.1178
CMYK	0.06, 0.64, 0.00, 0.12
HSL	295°, 71%, 60%
HSV	295°, 64%, 88%
XYZ	43.6821, 25.3182, 73.7983
YIQ	136.5850, 31.8520, 72.5560

Conversions

Conversions Part 2

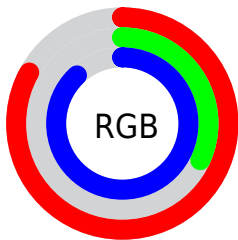
Format	Color
R _{YB}	212, 81, 225
Decimal	13914593
CIE _{Lab}	57.38, 69.54, -49.16
CIE _{LCh}	57, 85.164, 324.746
Yxy	25.3182, 0.3059, 0.1773
Android (android.graphics.Color)	4292104673 (0xFFD451E1)
YUV	136.5850, 43.5886, 66.1390
Hunter-Lab	50.3172, 66.9070, -51.7364

Details

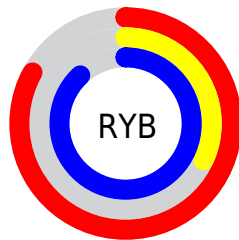
The Yxy color **25.3182, 0.3059, 0.1773** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **56.8081, 0.3090, 0.5317**, and the grayscale version is **24.6777, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.6570, 0.3180, 0.2170**, and **9.7780, 0.2988, 0.1425** is the 20% darker color. If you saturate the color by 10%, you get **22.2116, 0.3039, 0.1619**, and if you desaturate by 10%, it is **29.5379, 0.3077, 0.1966**.

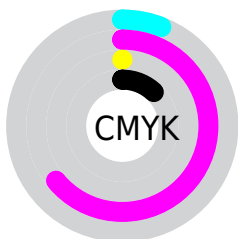
Distribution



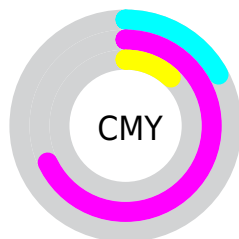
- Red (83%)
- Green (32%)
- Blue (88%)



- Red (83%)
- Yellow (32%)
- Blue (88%)



- Cyan (6%)
- Magenta (64%)
- Yellow (0%)
- Black (12%)





- Cyan (17%)
- Magenta (68%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3182, 0.3059, 0.1773 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 25.3182, 0.3059, 0.1773 by changing the saturation by 10% instead.


 25.3182, 0.3059,
0.1773


 25.3182, 0.3059,
0.1773


279.4189, 0.3132,
0.2485


 16.3143, 0.3029,
0.1614


 52.1730, 0.3094,
0.2018

 9.7468, 0.2986,
0.1422


 70.7926, 0.3105,
0.2114

 5.2314, 0.2918,
0.1189


 93.3863, 0.3113,
0.2197

 2.3837, 0.2809,
0.0906

 120.3384, 0.3119,
0.2270

 0.8175, 0.2624,
0.0571

152.0333, 0.3124,
0.2333

 0.0000, 0.2339,
0.0000

188.8554, 0.3127,


 0.0000, 0.1406,


0.2390


0.0000


231.1892, 0.3130,
0.2440


 0.0000, 0.0000,
0.0000


 25.3182, 0.3059,
0.1773

 25.3182, 0.3059,
0.1773

 22.2116, 0.3039,
0.1619


 29.5379, 0.3077,
0.1966

 20.1006, 0.3017,
0.1508


 34.9660, 0.3092,
0.2189

 18.8473, 0.2995,
0.1441

 41.6915, 0.3105,
0.2433

 18.3724, 0.2981,
0.1416

 49.7940, 0.3114,
0.2688

 59.3468, 0.3121,
0.2943

■ 70.4178, 0.3126,
0.3193

■ 83.0708, 0.3129,
0.3432

■ 93.4841, 0.3133,
0.3597

■ 93.8179, 0.3146,
0.3596

Harmonies

Analogous

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



25.3182, 0.1908, 0.1457



25.3182, 0.3059, 0.1773



25.3182, 0.4570, 0.2358

Triad

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



25.3182, 0.3059, 0.1773



25.3182, 0.4960, 0.4851



25.3182, 0.1107, 0.2701

Complementary

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



25.3182, 0.3059, 0.1773



56.8081, 0.3090, 0.5317

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.



25.3182, 0.1640, 0.4401



25.3182, 0.3059, 0.1773



25.3182, 0.3843, 0.5787

Square

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



25.3182, 0.3059, 0.1773



25.3182, 0.5714, 0.3898



25.3182, 0.2654, 0.5882



25.3182, 0.1018, 0.1778

Rectangle

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



25.3182, 0.3059, 0.1773



25.3182, 0.5402, 0.2839



25.3182, 0.2654, 0.5882



25.3182, 0.1227, 0.3190

Sweetspot

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



25.3193, 0.3059, 0.1773



72.0696, 0.3118, 0.2812



15.4428, 0.1926, 0.1409



14.6629, 0.3116, 0.2738



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.



25.3193, 0.3059, 0.1773



28.3708, 0.3031, 0.1574



24.6942, 0.3903, 0.2351



13.8696, 0.3124, 0.3058



10.6167, 0.2984, 0.1418



0.7545, 0.3021, 0.1438

Inverse Universe

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



22.6976, 0.5017, 0.3162



24.8786, 0.5628, 0.3175



57.4375, 0.2776, 0.4562



13.7205, 0.3278, 0.3269



9.2612, 0.6295, 0.3242



0.6489, 0.6028, 0.3095

Previews

White Background



This preview shows how the Yxy color 25.3182, 0.3059, 0.1773 looks on a white background.

Color Contrast Check

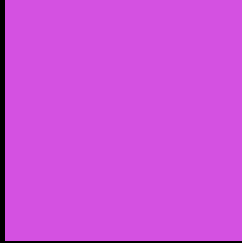
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3182, 0.3059, 0.1773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

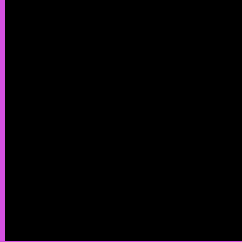
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3182, 0.3059, 0.1773

Background



This preview shows how black text looks on a background with the Yxy color 25.3182, 0.3059, 0.1773.



This preview shows how white text looks on a background with the Yxy color 25.3182, 0.3059, 0.1773.

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

25.3182, 0.3059, 0.1773

Protanopia

25.7661, 0.1923, 0.1681

Deuteranopia

25.6246, 0.2195, 0.2140



Tritanopia

25.1109, 0.4146, 0.3174

Trichromacy



Original Color

25.3182, 0.3059, 0.1773



Protanomaly

23.1531, 0.2170, 0.1625



Deuteranomaly

23.3260, 0.2421, 0.1895



Tritanomaly

24.6479, 0.3725, 0.2564

Monochromacy



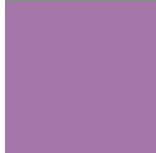
Original Color

25.3182, 0.3059, 0.1773



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

23.4797, 0.3105, 0.2528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3182, 0.3059, 0.1773 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(212, 81, 225)` looks like.

```
.text, #text, p{  
    color:rgb(212, 81, 225)  
}
```

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(212, 81, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 81, 225) }
```

Border

The CSS property to change the border of an element to Yxy 25.3182, 0.3059, 0.1773 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(212, 81, 225) }
```

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

```
.border{ border-color:rgb(212, 81, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 81, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 81, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 81, 225);  
box-shadow:4px 4px 4px 4px rgb(212, 81,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3182, 0.3059, 0.1773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 81, 225) }
```

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

```
.background{ background-color: rgb(212, 81,  
225) }
```

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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