

Converting Colors

$Y_{xy}(25.3427, 0.3487, 0.2057)$

Have a look what the booklet for
Yxy(25.3427, 0.3487, 0.2057)
contains.

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Color

Yxy(25.4000, 0.3490, 0.2060)

Conversions

Conversions Part 1

Format	Color
Hex	DE51C4
RGB	222, 81, 196
RGB Percent	87%, 32%, 77%
CMY	0.1294, 0.6823, 0.2313
CMYK	0.00, 0.64, 0.12, 0.13
HSL	311°, 68%, 59%
HSV	311°, 64%, 87%
XYZ	43.0320, 25.4000, 54.8689
YIQ	136.2690, 47.1210, 65.6570

Conversions

Conversions Part 2

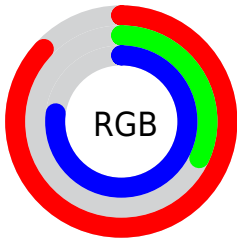
Format	Color
R _{YB}	222, 81, 196
Decimal	14569924
CIE _{Lab}	57.46, 67.28, -32.49
CIE _{LCh}	57, 74.717, 334.221
Yxy	25.4000, 0.3490, 0.2060
Android (android.graphics.Color)	4292760004 (0xFFDE51C4)
YUV	136.2690, 29.4474, 75.1861
Hunter-Lab	50.3984, 64.2127, -29.2703

Details

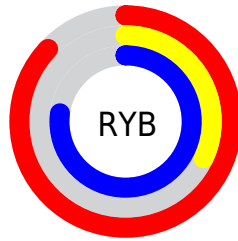
The Yxy color **25.4000, 0.3490, 0.2060** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **55.0539, 0.2923, 0.5002**, and the grayscale version is **24.6017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.8171, 0.3196, 0.2194**, and **9.7612, 0.3560, 0.1737** is the 20% darker color. If you saturate the color by 10%, you get **22.4399, 0.3562, 0.1941**, and if you desaturate by 10%, it is **29.4457, 0.3419, 0.2216**.

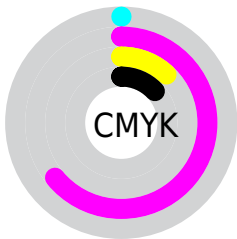
Distribution



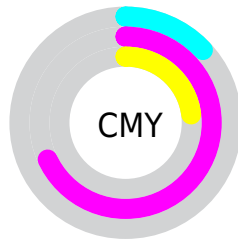
- Red (87%)
- Green (32%)
- Blue (77%)



- Red (87%)
- Yellow (32%)
- Blue (77%)



- Cyan (0%)
- Magenta (64%)
- Yellow (12%)
- Black (13%)



- Cyan (13%)
- Magenta (68%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4000, 0.3490, 0.2060 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 25.4000, 0.3490, 0.2060 by changing the saturation by 10% instead.


 25.4000, 0.3490,
0.2060


 25.4000, 0.3490,
0.2060


279.8242, 0.3323,
0.2659


 16.3753, 0.3526,
0.1918

 52.3054, 0.3433,
0.2273


 9.7901, 0.3569,
0.1741


 70.9549, 0.3411,
0.2354

 5.2600, 0.3619,
0.1516


 93.5815, 0.3391,
0.2424

 2.4006, 0.3675,
0.1226

 120.5695, 0.3374,
0.2484

 0.8262, 0.3729,
0.0848

152.3034, 0.3359,
0.2536

 0.0000, 0.3887,
0.0000

189.1675, 0.3346,

 0.0000, 0.2983,

0.2582


0.0000

231.5463, 0.3334,
0.2623

 0.0000, 0.0000,
0.0000


 25.4000, 0.3490,
0.2060

 25.4000, 0.3490,
0.2060


 22.4399, 0.3562,
0.1941


 29.4457, 0.3419,
0.2216


 20.4520, 0.3634,
0.1866


 34.6683, 0.3352,
0.2399

 19.3047, 0.3702,
0.1837

 41.1534, 0.3290,
0.2600

 18.8697, 0.3745,
0.1837

 48.9780, 0.3234,
0.2808

 58.2125, 0.3184,
0.3017

■ 68.9228, 0.3141,
0.3221

■ 81.1703, 0.3104,
0.3415

■ 92.6928, 0.3073,
0.3561

■ 92.9237, 0.3050,
0.3518

Harmonies

Analogous

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



25.4000, 0.2315, 0.1676



25.4000, 0.3490, 0.2060



25.4000, 0.4785, 0.2670

Triad

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



25.4000, 0.3490, 0.2060



25.4000, 0.4560, 0.5056



25.4000, 0.1219, 0.2459

Complementary

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



25.4000, 0.3490, 0.2060



55.0539, 0.2923, 0.5002

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.



25.4000, 0.1597, 0.3757



25.4000, 0.3490, 0.2060



25.4000, 0.3510, 0.5661

Square

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



25.4000, 0.3490, 0.2060



25.4000, 0.5339, 0.4191



25.4000, 0.2428, 0.5231



25.4000, 0.1227, 0.1787

Rectangle

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



25.4000, 0.3490, 0.2060



25.4000, 0.5364, 0.3145



25.4000, 0.2428, 0.5231



25.4000, 0.1296, 0.2820

Sweetspot

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



25.4012, 0.3490, 0.2060



72.3261, 0.3211, 0.2900



14.2757, 0.2069, 0.1332



14.7262, 0.3226, 0.2840



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.



25.4012, 0.3490, 0.2060



29.7484, 0.3585, 0.1913



22.9123, 0.4499, 0.2800



13.8900, 0.3166, 0.3101



11.2234, 0.3736, 0.1832



0.7893, 0.3640, 0.1779

Inverse Universe

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



25.4012, 0.3490, 0.2060



29.7484, 0.3585, 0.1913



57.1811, 0.2576, 0.3930



13.8900, 0.3166, 0.3101



11.2234, 0.3736, 0.1832



0.7893, 0.3640, 0.1779

Previews

White Background



This preview shows how the Yxy color 25.4000, 0.3490, 0.2060 looks on a white background.

Color Contrast Check

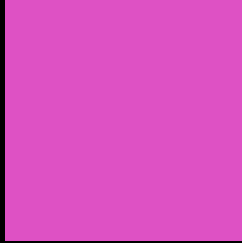
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4000, 0.3490, 0.2060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

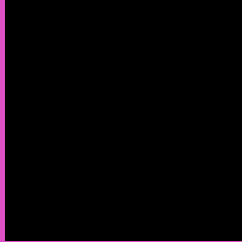
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4000, 0.3490, 0.2060

Background



This preview shows how black text looks on a background with the Yxy color 25.4000, 0.3490, 0.2060.



This preview shows how white text looks on a background with the Yxy color 25.4000, 0.3490, 0.2060.

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

25.4000, 0.3490, 0.2060

Protanopia

25.8525, 0.2035, 0.1830

Deuteranopia

25.4813, 0.2554, 0.2495



Tritanopia

25.2166, 0.4478, 0.3197

Trichromacy



Original Color

25.4000, 0.3490, 0.2060



Protanomaly

23.1010, 0.2371, 0.1813



Deuteranomaly

23.6821, 0.2849, 0.2246



Tritanomaly

24.9478, 0.4106, 0.2734

Monochromacy



Original Color

25.4000, 0.3490, 0.2060



Achromatopsia

24.6201, 0.3127, 0.3290



Achromatomaly

23.1749, 0.3264, 0.2668

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4000, 0.3490, 0.2060 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(222, 81, 196)` looks like.

```
.text, #text, p{  
    color:rgb(222, 81, 196)  
}
```

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(222, 81, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 81, 196) }
```

Border

The CSS property to change the border of an element to Yxy 25.4000, 0.3490, 0.2060 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(222, 81, 196) }
```

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

```
.border{ border-color:rgb(222, 81, 196) }
```

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

Here you see how a box with a 4 pixel rgb(222, 81, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 81, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 81, 196);  
box-shadow:4px 4px 4px 4px rgb(222, 81,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4000, 0.3490, 0.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 81, 196) }
```

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

```
.background{ background-color: rgb(222, 81,  
196) }
```

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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