

Converting Colors

$Y_{xy}(26.4224, 0.3393, 0.1988)$

Have a look what the booklet for
Yxy(26.4224, 0.3393, 0.1988)
contains.

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Color

Yxy(26.3381, 0.3392, 0.1990)

Conversions

Conversions Part 1

Format	Color
Hex	E052CE
RGB	224, 82, 206
RGB Percent	88%, 32%, 81%
CMY	0.1217, 0.6783, 0.1921
CMYK	0.00, 0.63, 0.08, 0.12
HSL	308°, 70%, 60%
HSV	308°, 63%, 88%
XYZ	44.8939, 26.3381, 61.1203
YIQ	138.5940, 44.8280, 68.6680

Conversions

Conversions Part 2

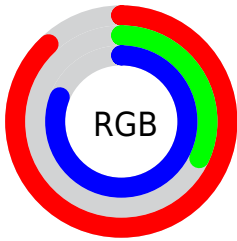
Format	Color
R _Y B	224, 82, 206
Decimal	14701262
CIE Lab	58.36, 68.89, -36.78
CIE LCh	58, 78.093, 331.901
Yxy	26.3381, 0.3392, 0.1990
Android (android.graphics.Color)	4292891342 (0xFFE052CE)
YUV	138.5940, 33.2312, 74.9011
Hunter-Lab	51.3207, 66.3357, -34.6869

Details

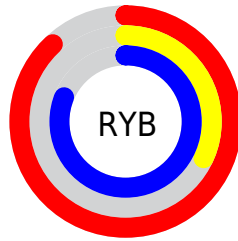
The Yxy color **26.3381, 0.3392, 0.1990** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **56.0129, 0.2959, 0.5111**, and the grayscale version is **25.5163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.2362, 0.3179, 0.2187**, and **10.2554, 0.3432, 0.1667** is the 20% darker color. If you saturate the color by 10%, you get **23.3571, 0.3441, 0.1864**, and if you desaturate by 10%, it is **30.4261, 0.3343, 0.2154**.

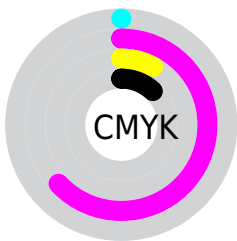
Distribution



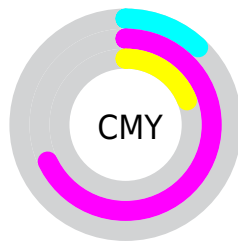
- Red (88%)
- Green (32%)
- Blue (81%)



- Red (88%)
- Yellow (32%)
- Blue (81%)



- Cyan (0%)
- Magenta (63%)
- Yellow (8%)
- Black (12%)





- Cyan (12%)
- Magenta (68%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3381, 0.3392, 0.1990 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 26.3381, 0.3392, 0.1990 by changing the saturation by 10% instead.


 26.3381, 0.3392,
0.1990


 26.3381, 0.3392,
0.1990


284.4379, 0.3282,
0.2614


 17.0767, 0.3412,
0.1845


 53.8199, 0.3357,
0.2209

 10.2892, 0.3433,
0.1667


 72.8091, 0.3343,
0.2294

 5.5911, 0.3453,
0.1443


 95.8097, 0.3330,
0.2366

 2.5981, 0.3465,
0.1159

 123.2062, 0.3318,
0.2429

 0.9257, 0.3453,
0.0800

155.3828, 0.3308,
0.2484

 0.0000, 0.3490,
0.0000

192.7240, 0.3298,


 0.0000, 0.2785,


0.2532


0.0000


235.6143, 0.3290,
0.2575


 0.0000, 0.0000,
0.0000


 26.3381, 0.3392,
0.1990


 26.3381, 0.3392,
0.1990


 23.3571, 0.3441,
0.1864


 30.4261, 0.3343,
0.2154


 21.3675, 0.3489,
0.1780


 35.7142, 0.3295,
0.2347


 20.2352, 0.3533,
0.1742


 42.2900, 0.3250,
0.2558


 19.8124, 0.3561,
0.1736


 50.2317, 0.3208,
0.2779

 59.6115, 0.3171,
0.3001

 70.4963, 0.3137,
0.3219

 82.9491, 0.3108,
0.3426

 93.0029, 0.3085,
0.3561

 93.1622, 0.3070,
0.3531

Harmonies

Analogous

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



26.3381, 0.2216, 0.1621



26.3381, 0.3392, 0.1990



26.3381, 0.4745, 0.2596

Triad

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



26.3381, 0.3392, 0.1990



26.3381, 0.4655, 0.5018



26.3381, 0.1189, 0.2507

Complementary

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



26.3381, 0.3392, 0.1990



56.0129, 0.2959, 0.5111

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.



26.3381, 0.1602, 0.3895



26.3381, 0.3392, 0.1990



26.3381, 0.3589, 0.5711

Square

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



26.3381, 0.3392, 0.1990



26.3381, 0.5431, 0.4125



26.3381, 0.2480, 0.5392



26.3381, 0.1174, 0.1781

Rectangle

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



26.3381, 0.3392, 0.1990



26.3381, 0.5383, 0.3073



26.3381, 0.2480, 0.5392



26.3381, 0.1276, 0.2896

Sweetspot

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



26.3393, 0.3392, 0.1990



72.4994, 0.3192, 0.2874



14.0491, 0.2003, 0.1304



14.7686, 0.3203, 0.2809



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.



26.3393, 0.3392, 0.1990



30.3591, 0.3456, 0.1832



23.6725, 0.4348, 0.2693



13.9042, 0.3157, 0.3088



11.5470, 0.3555, 0.1732



0.8088, 0.3494, 0.1699

Inverse Universe

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



26.3393, 0.3392, 0.1990



30.3591, 0.3456, 0.1832



57.9788, 0.2623, 0.4073



13.9042, 0.3157, 0.3088



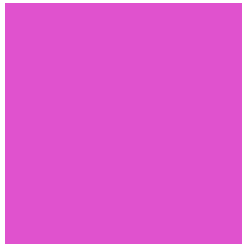
11.5470, 0.3555, 0.1732



0.8088, 0.3494, 0.1699

Previews

White Background



This preview shows how the Yxy color 26.3381, 0.3392, 0.1990 looks on a white background.

Color Contrast Check

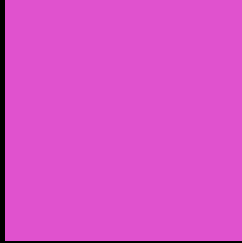
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3381, 0.3392, 0.1990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

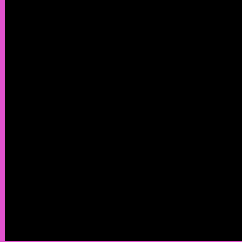
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3381, 0.3392, 0.1990

Background



This preview shows how black text looks on a background with the Yxy color 26.3381, 0.3392, 0.1990.

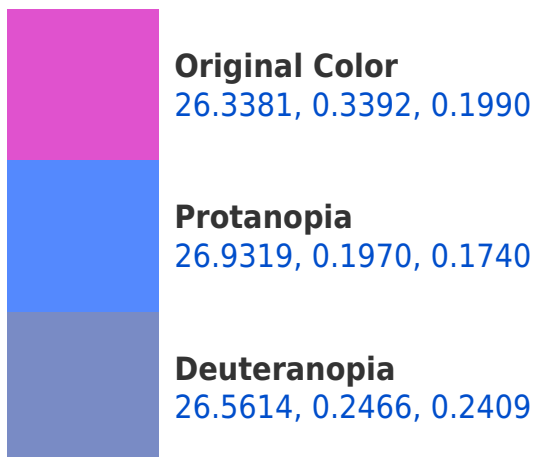


This preview shows how white text looks on a background with the Yxy color 26.3381, 0.3392, 0.1990.

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





Tritanopia

26.2591, 0.4422, 0.3209

Trichromacy



Original Color

26.3381, 0.3392, 0.1990



Protanomaly

23.9879, 0.2281, 0.1729



Deuteranomaly

24.3961, 0.2741, 0.2157



Tritanomaly

25.9672, 0.4047, 0.2714

Monochromacy



Original Color

26.3381, 0.3392, 0.1990



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.1473, 0.3240, 0.2637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3381, 0.3392, 0.1990 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(224, 82, 206)` looks like.

```
.text, #text, p{  
    color:rgb(224, 82, 206)  
}
```

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(224, 82, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 82, 206) }
```

Border

The CSS property to change the border of an element to Yxy 26.3381, 0.3392, 0.1990 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(224, 82, 206) }
```

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

```
.border{ border-color:rgb(224, 82, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 82, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 82, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 82, 206);  
box-shadow:4px 4px 4px 4px rgb(224, 82,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3381, 0.3392, 0.1990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 82, 206) }
```

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

```
.background{ background-color: rgb(224, 82,  
206) }
```

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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