

Converting Colors

$Y_{xy}(26.2704, 0.3558, 0.2140)$

Have a look what the booklet for
Yxy(26.2704, 0.3558, 0.2140)
contains.

Yxy(26.1501, 0.3558, 0.2139)	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(26.1501, 0.3558, 0.2139)

Conversions

Conversions Part 1

Format	Color
Hex	E055C0
RGB	224, 85, 192
RGB Percent	88%, 33%, 75%
CMY	0.1216, 0.6666, 0.2472
CMYK	0.00, 0.62, 0.14, 0.12
HSL	314°, 69%, 61%
HSV	314°, 62%, 88%
XYZ	43.4979, 26.1501, 52.6058
YIQ	138.7590, 48.4970, 62.7450

Conversions

Conversions Part 2

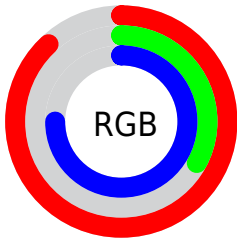
Format	Color
R_{YB}	224, 85, 192
Decimal	14702016
CIE _{Lab}	58.18, 65.57, -29.04
CIE _{LCh}	58, 71.717, 336.113
Yxy	26.1501, 0.3558, 0.2139
Android (android.graphics.Color)	4292892096 (0xFFE055C0)
YUV	138.7590, 26.2478, 74.7564
Hunter-Lab	51.1372, 62.3443, -25.1968

Details

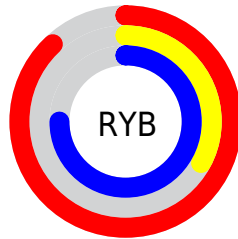
The Yxy color **26.1501, 0.3558, 0.2139** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **56.5235, 0.2895, 0.4868**, and the grayscale version is **25.6082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.4456, 0.3229, 0.2252**, and **10.1484, 0.3661, 0.1834** is the 20% darker color. If you saturate the color by 10%, you get **22.9393, 0.3650, 0.2021**, and if you desaturate by 10%, it is **30.4874, 0.3469, 0.2293**.

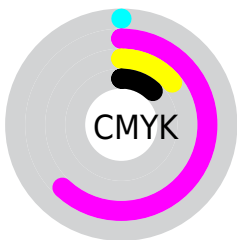
Distribution



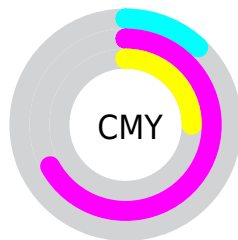
- Red (88%)
- Green (33%)
- Blue (75%)



- Red (88%)
- Yellow (33%)
- Blue (75%)



- Cyan (0%)
- Magenta (62%)
- Yellow (14%)
- Black (12%)





- Cyan (12%)
- Magenta (67%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1501, 0.3558, 0.2139 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 26.1501, 0.3558, 0.2139 by changing the saturation by 10% instead.


 26.1501, 0.3558,
0.2139


 26.1501, 0.3558,
0.2139


283.5181, 0.3352,
0.2703

 16.9360, 0.3606,
0.2004


 53.5170, 0.3486,
0.2340


 10.1888, 0.3664,
0.1835


 72.4385, 0.3458,
0.2417

 5.5243, 0.3738,
0.1618


 95.3647, 0.3434,
0.2482

 2.5581, 0.3829,
0.1335

 122.6798, 0.3413,
0.2539

 0.9056, 0.3942,
0.0959

154.7683, 0.3395,
0.2588

 0.0000, 0.4261,
0.0000

192.0146, 0.3379,


 0.0000, 0.3709,


0.2631


0.0000


234.8031, 0.3364,
0.2669


 0.0000, 0.0000,
0.0000


 26.1501, 0.3558,
0.2139

 26.1501, 0.3558,
0.2139


 22.9393, 0.3650,
0.2021


 30.4874, 0.3469,
0.2293


 20.7415, 0.3743,
0.1945


 36.0426, 0.3387,
0.2471


 19.4265, 0.3834,
0.1918


 42.9022, 0.3311,
0.2664


 18.8386, 0.3904,
0.1924


 51.1437, 0.3245,
0.2863

 60.8385, 0.3187,
0.3061

 72.0531, 0.3136,
0.3252

 84.8498, 0.3094,
0.3434

 93.2635, 0.3060,
0.3513

 93.5633, 0.3031,
0.3459

Harmonies

Analogous

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



26.1501, 0.2412, 0.1748



26.1501, 0.3558, 0.2139



26.1501, 0.4772, 0.2744

Triad

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



26.1501, 0.3558, 0.2139



26.1501, 0.4468, 0.5055



26.1501, 0.1277, 0.2447

Complementary

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



26.1501, 0.3558, 0.2139



56.5235, 0.2895, 0.4868

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.



26.1501, 0.1626, 0.3648



26.1501, 0.3558, 0.2139



26.1501, 0.3452, 0.5558

Square

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



26.1501, 0.3558, 0.2139



26.1501, 0.5228, 0.4238



26.1501, 0.2411, 0.5050



26.1501, 0.1303, 0.1824

Rectangle

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



26.1501, 0.3558, 0.2139



26.1501, 0.5294, 0.3212



26.1501, 0.2411, 0.5050



26.1501, 0.1347, 0.2782

Sweetspot

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



26.1514, 0.3558, 0.2139



72.1896, 0.3227, 0.2921



15.5367, 0.2132, 0.1392



14.6928, 0.3245, 0.2864



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.



26.1514, 0.3558, 0.2139



29.9208, 0.3674, 0.1997



23.8124, 0.4521, 0.2859



13.8788, 0.3173, 0.3111



10.9850, 0.3891, 0.1917



0.7748, 0.3764, 0.1847

Inverse Universe

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



26.1514, 0.3558, 0.2139



29.9208, 0.3674, 0.1997



58.7246, 0.2560, 0.3843



13.8788, 0.3173, 0.3111



10.9850, 0.3891, 0.1917



0.7748, 0.3764, 0.1847

Previews

White Background



This preview shows how the Yxy color 26.1501, 0.3558, 0.2139 looks on a white background.

Color Contrast Check

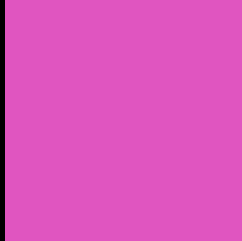
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1501, 0.3558, 0.2139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

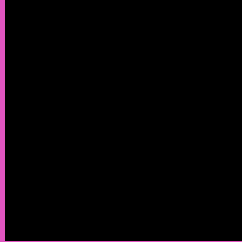
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1501, 0.3558, 0.2139

Background



This preview shows how black text looks on a background with the Yxy color 26.1501, 0.3558, 0.2139.



This preview shows how white text looks on a background with the Yxy color 26.1501, 0.3558, 0.2139.

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

26.1501, 0.3558, 0.2139

Protanopia

26.5412, 0.2120, 0.1937

Deuteranopia

26.3835, 0.2633, 0.2578



Tritanopia

26.0993, 0.4484, 0.3211

Trichromacy



Original Color

26.1501, 0.3558, 0.2139



Protanomaly

24.0911, 0.2474, 0.1926



Deuteranomaly

24.6740, 0.2921, 0.2334



Tritanomaly

25.7484, 0.4147, 0.2776

Monochromacy



Original Color

26.1501, 0.3558, 0.2139



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.2083, 0.3296, 0.2719

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1501, 0.3558, 0.2139 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, 85, 192)` looks like.

```
.text, #text, p{  
    color:rgb(224, 85, 192)  
}
```

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, 85, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 85, 192) }
```

Border

The CSS property to change the border of an element to Yxy 26.1501, 0.3558, 0.2139 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, 85, 192) }
```

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

```
.border{ border-color:rgb(224, 85, 192) }
```

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

Here you see how a box with a 4 pixel rgb(224, 85, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 85, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 85, 192);  
box-shadow:4px 4px 4px 4px rgb(224, 85,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1501, 0.3558, 0.2139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 85, 192) }
```

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

```
.background{ background-color: rgb(224, 85,  
192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor