

Converting Colors

$Y_{xy}(26.7416, 0.3983, 0.2534)$

Have a look what the booklet for
Yxy(26.7416, 0.3983, 0.2534)
contains.

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Color

Yxy(26.7328, 0.3986, 0.2536)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E35DA1 |
| RGB | 227, 93, 161 |
| RGB Percent | 89%, 36%, 63% |
| CMY | 0.1099, 0.6351, 0.3686 |
| CMYK | 0.00, 0.59, 0.29, 0.11 |
| HSL | 330°, 70%, 63% |
| HSV | 330°, 59%, 89% |
| XYZ | 42.0177, 26.7328, 36.6627 |
| YIQ | 140.8180, 58.0360, 49.5560 |

Conversions

Conversions Part 2

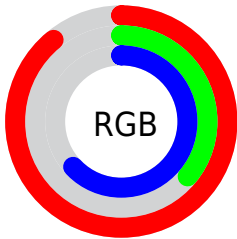
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 227, 93, 161 |
| Decimal | 14900641 |
| CIE Lab | 58.73, 58.80, -10.30 |
| CIE LCh | 59, 59.692, 350.062 |
| Yxy | 26.7328, 0.3986, 0.2536 |
| Android (android.graphics.Color) | 4293090721 (0xFFE35DA1) |
| YUV | 140.8180, 9.9497, 75.5816 |
| Hunter-Lab | 51.7038, 54.5787, -5.8494 |

Details

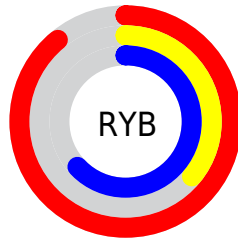
The Yxy color **26.7328, 0.3986, 0.2536** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **59.7521, 0.2725, 0.4259**, and the grayscale version is **26.5091, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.7128, 0.3521, 0.2609**, and **10.5167, 0.4281, 0.2314** is the 20% darker color. If you saturate the color by 10%, you get **22.9449, 0.4213, 0.2455**, and if you desaturate by 10%, it is **31.7408, 0.3781, 0.2646**.

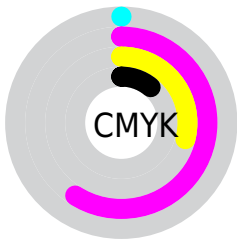
Distribution



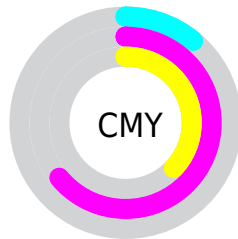
- Red (89%)
- Green (36%)
- Blue (63%)



- Red (89%)
- Yellow (36%)
- Blue (63%)



- Cyan (0%)
- Magenta (59%)
- Yellow (29%)
- Black (11%)



- Cyan (11%)
- Magenta (64%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7328, 0.3986, 0.2536 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 26.7328, 0.3986, 0.2536 by changing the saturation by 10% instead.


 26.7328, 0.3986,
0.2536

 26.7328, 0.3986,
0.2536


286.3611, 0.3530,
0.2925


 17.3726, 0.4108,
0.2435


 54.4548, 0.3814,
0.2680


 10.5005, 0.4271,
0.2305


 73.5854, 0.3751,
0.2733

 5.7321, 0.4496,
0.2128


 96.7417, 0.3699,
0.2778

 2.6829, 0.4826,
0.1879

 124.3080, 0.3655,
0.2816

 0.9685, 0.5352,
0.1507

156.6686, 0.3617,
0.2849

 0.0000, 0.7104,
0.0000

194.2081, 0.3584,

 0.0000, 1.0000,

0.2878


0.0000

237.3108, 0.3555,
0.2903


 0.0000, 0.0000,
0.0000

 26.7328, 0.3986,
0.2536


 26.7328, 0.3986,
0.2536

 22.9449, 0.4213,
0.2455

 31.7408, 0.3781,
0.2646


 20.2640, 0.4454,
0.2417


 38.0606, 0.3601,
0.2774

 18.5628, 0.4698,
0.2431


 45.7796, 0.3447,
0.2909


 17.6417, 0.4932,
0.2496

 54.9765, 0.3317,
0.3045


 17.5671, 0.4956,
0.2504

 65.7243, 0.3209,
0.3177

 78.0910, 0.3119,
0.3302

 92.1403, 0.3045,
0.3419

 94.7748, 0.2983,
0.3335

 95.0653, 0.2958,
0.3290

Harmonies

Analogous

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



26.7328, 0.2954, 0.2086



26.7328, 0.3986, 0.2536



26.7328, 0.4828, 0.3139

Triad

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



26.7328, 0.3986, 0.2536



26.7328, 0.3948, 0.5059



26.7328, 0.1491, 0.2293

Complementary

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



26.7328, 0.3986, 0.2536



59.7521, 0.2725, 0.4259

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.



26.7328, 0.1658, 0.3096



26.7328, 0.3986, 0.2536



26.7328, 0.3034, 0.5056

Square

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



26.7328, 0.3986, 0.2536



26.7328, 0.4706, 0.4505



26.7328, 0.2193, 0.4224



26.7328, 0.1650, 0.1914

Rectangle

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



26.7328, 0.3986, 0.2536



26.7328, 0.5069, 0.3582



26.7328, 0.2193, 0.4224



26.7328, 0.1508, 0.2511

Sweetspot

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



26.7342, 0.3986, 0.2536



72.7585, 0.3306, 0.3057



20.6257, 0.2499, 0.1619



14.7674, 0.3342, 0.3018



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.



26.7342, 0.3986, 0.2536



28.8975, 0.4271, 0.2442



24.9922, 0.4931, 0.3272



14.4894, 0.3213, 0.3171



10.2723, 0.4923, 0.2485



0.7778, 0.4605, 0.2310

Inverse Universe

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



26.7342, 0.3986, 0.2536



28.8975, 0.4271, 0.2442



62.6704, 0.2410, 0.3317



14.4894, 0.3213, 0.3171



10.2723, 0.4923, 0.2485



0.7778, 0.4605, 0.2310

Previews

White Background



This preview shows how the Yxy color 26.7328, 0.3986, 0.2536 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 26.7328, 0.3986, 0.2536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

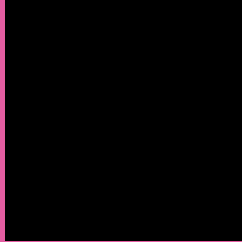
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7328, 0.3986, 0.2536

Background



This preview shows how black text looks on a background with the Yxy color 26.7328, 0.3986, 0.2536.

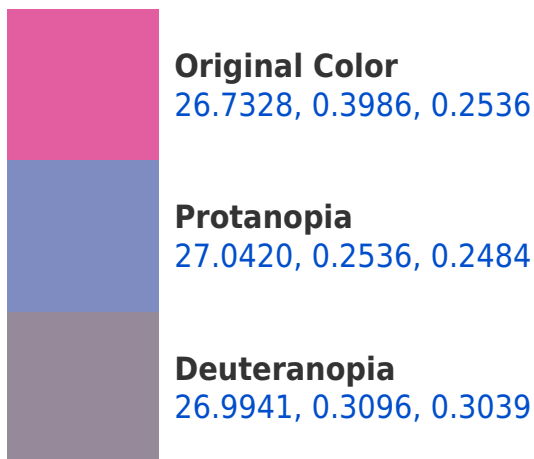


This preview shows how white text looks on a background with the Yxy color 26.7328, 0.3986, 0.2536.

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

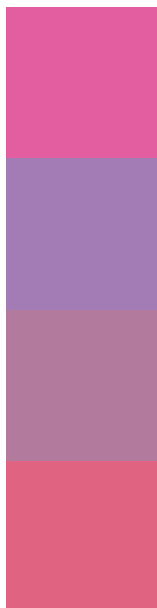




Tritanopia

26.7363, 0.4599, 0.3215

Trichromacy



Original Color

26.7328, 0.3986, 0.2536

Protanomaly

25.2886, 0.2969, 0.2460

Deuteranomaly

25.8184, 0.3397, 0.2793

Tritanomaly

26.5466, 0.4380, 0.2962

Monochromacy



Original Color

26.7328, 0.3986, 0.2536

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.3241, 0.3428, 0.2937

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7328, 0.3986, 0.2536 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(227, 93, 161)` looks like.

```
.text, #text, p{  
    color:rgb(227, 93, 161)  
}
```

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(227, 93, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 93, 161) }
```

Border

The CSS property to change the border of an element to Yxy 26.7328, 0.3986, 0.2536 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(227, 93, 161) }
```

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

```
.border{ border-color:rgb(227, 93, 161) }
```

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

Here you see how a box with a 4 pixel rgb(227, 93, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 93, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 93, 161);  
box-shadow:4px 4px 4px 4px rgb(227, 93,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7328, 0.3986, 0.2536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 93, 161) }
```

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

```
.background{ background-color: rgb(227, 93,  
161) }
```

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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