

Converting Colors

$Y_{xy}(28.1233, 0.3631, 0.2288)$

Have a look what the booklet for
Yxy(28.1233, 0.3631, 0.2288)
contains.

Yxy(28.1223, 0.3627, 0.2291)	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(28.1223, 0.3627, 0.2291)

Conversions

Conversions Part 1

Format	Color
Hex	E260BB
RGB	226, 96, 187
RGB Percent	89%, 38%, 73%
CMY	0.1137, 0.6236, 0.2666
CMYK	0.00, 0.58, 0.17, 0.11
HSL	318°, 69%, 63%
HSV	318°, 58%, 89%
XYZ	44.5219, 28.1223, 50.1070
YIQ	145.2440, 48.2690, 55.8610

Conversions

Conversions Part 2

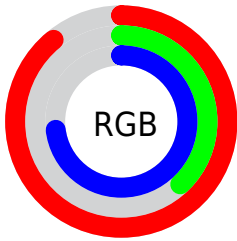
Format	Color
R _Y B	226, 96, 187
Decimal	14835899
CIE Lab	60.00, 60.73, -23.38
CIE LCh	60, 65.075, 338.946
Yxy	28.1223, 0.3627, 0.2291
Android (android.graphics.Color)	4293025979 (0xFFE260BB)
YUV	145.2440, 20.5857, 70.8230
Hunter-Lab	53.0305, 57.0568, -18.9002

Details

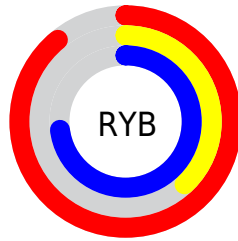
The Yxy color **28.1223, 0.3627, 0.2291** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **58.6363, 0.2858, 0.4604**, and the grayscale version is **28.3192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1875, 0.3274, 0.2393**, and **11.3078, 0.3764, 0.2019** is the 20% darker color. If you saturate the color by 10%, you get **24.2926, 0.3750, 0.2167**, and if you desaturate by 10%, it is **33.1536, 0.3513, 0.2445**.

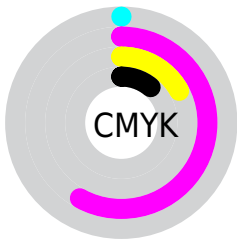
Distribution



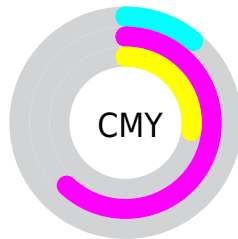
- Red (89%)
- Green (38%)
- Blue (73%)



- Red (89%)
- Yellow (38%)
- Blue (73%)



- Cyan (0%)
- Magenta (58%)
- Yellow (17%)
- Black (11%)





- Cyan (11%)
- Magenta (62%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1223, 0.3627, 0.2291 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 28.1223, 0.3627, 0.2291 by changing the saturation by 10% instead.

 28.1223, 0.3627,
0.2291


 28.1223, 0.3627,
0.2291


293.0508, 0.3379,
0.2784


 18.4179, 0.3688,
0.2171


 56.6796, 0.3538,
0.2468


 11.2504, 0.3765,
0.2020


 76.3013, 0.3504,
0.2535

 6.2355, 0.3865,
0.1824


 99.9976, 0.3475,
0.2592

 2.9888, 0.4000,
0.1562

 128.1528, 0.3451,
0.2641

 1.1259, 0.4188,
0.1202

161.1513, 0.3429,
0.2684

 0.0000, 0.4794,
0.0000

199.3776, 0.3410,


 0.0000, 0.5008,


0.2722


0.0000


243.2159, 0.3394,
0.2755


 0.0000, 0.0000,
0.0000

 28.1223, 0.3627,
0.2291


 28.1223, 0.3627,
0.2291


 24.2926, 0.3750,
0.2167


 33.1536, 0.3513,
0.2445


 21.5554, 0.3877,
0.2083


 39.4747, 0.3410,
0.2618


 19.7890, 0.4005,
0.2046

 47.1706, 0.3318,
0.2799


 18.8274, 0.4130,
0.2059


 56.3174, 0.3239,
0.2982

 18.6481, 0.4160,
0.2066

 66.9861, 0.3171,
0.3161

 79.2425, 0.3114,
0.3331

 93.1489, 0.3066,
0.3491

 94.0569, 0.3028,
0.3429

 94.4701, 0.2990,
0.3360

Harmonies

Analogous

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



28.1223, 0.2575, 0.1904



28.1223, 0.3627, 0.2291



28.1223, 0.4672, 0.2871

Triad

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



28.1223, 0.3627, 0.2291



28.1223, 0.4306, 0.4978



28.1223, 0.1424, 0.2479

Complementary

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



28.1223, 0.3627, 0.2291



58.6363, 0.2858, 0.4604

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.



28.1223, 0.1729, 0.3503



28.1223, 0.3627, 0.2291



28.1223, 0.3373, 0.5294

Square

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



28.1223, 0.3627, 0.2291



28.1223, 0.5001, 0.4279



28.1223, 0.2426, 0.4722



28.1223, 0.1471, 0.1933

Rectangle

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



28.1223, 0.3627, 0.2291



28.1223, 0.5100, 0.3317



28.1223, 0.2426, 0.4722



28.1223, 0.1483, 0.2767

Sweetspot

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



28.1237, 0.3627, 0.2291



74.5829, 0.3236, 0.2990



18.8281, 0.2286, 0.1562



15.4057, 0.3251, 0.2953



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.



28.1237, 0.3627, 0.2291



31.1345, 0.3774, 0.2147



25.9942, 0.4492, 0.2979



13.8619, 0.3183, 0.3127



10.6589, 0.4142, 0.2055



0.7544, 0.3964, 0.1957

Inverse Universe

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



28.1237, 0.3627, 0.2291



31.1345, 0.3774, 0.2147



60.9575, 0.2542, 0.3671



13.8619, 0.3183, 0.3127



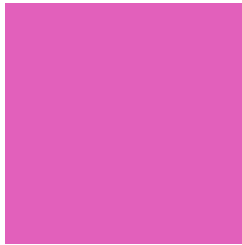
10.6589, 0.4142, 0.2055



0.7544, 0.3964, 0.1957

Previews

White Background



This preview shows how the Yxy color 28.1223, 0.3627, 0.2291 looks on a white background.

Color Contrast Check

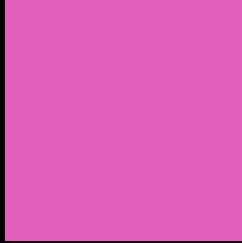
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1223, 0.3627, 0.2291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

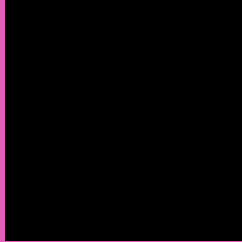
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1223, 0.3627, 0.2291

Background



This preview shows how black text looks on a background with the Yxy color 28.1223, 0.3627, 0.2291.

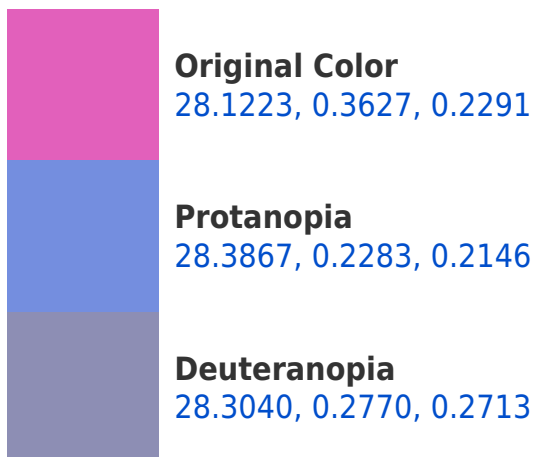


This preview shows how white text looks on a background with the Yxy color 28.1223, 0.3627, 0.2291.

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

28.0045, 0.4386, 0.3199

Trichromacy



Original Color

28.1223, 0.3627, 0.2291



Protanomaly

26.3883, 0.2648, 0.2138



Deuteranomaly

26.8568, 0.3046, 0.2487



Tritanomaly

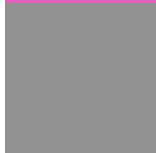
27.8513, 0.4122, 0.2848

Monochromacy



Original Color

28.1223, 0.3627, 0.2291



Achromatopsia

28.3149, 0.3127, 0.3290



Achromatomaly

26.7155, 0.3309, 0.2816

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1223, 0.3627, 0.2291 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(226, 96, 187)` looks like.

```
.text, #text, p{  
    color:rgb(226, 96, 187)  
}
```

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(226, 96, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 96, 187) }
```

Border

The CSS property to change the border of an element to Yxy 28.1223, 0.3627, 0.2291 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(226, 96, 187) }
```

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

```
.border{ border-color:rgb(226, 96, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 96, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 96, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 96, 187);  
box-shadow:4px 4px 4px 4px rgb(226, 96,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1223, 0.3627, 0.2291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 96, 187) }
```

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

```
.background{ background-color: rgb(226, 96,  
187) }
```

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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