

Converting Colors

$Y_{xy}(28.5772, 0.3990, 0.2751)$

Have a look what the booklet for
Yxy(28.5772, 0.3990, 0.2751)
contains.

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Color

Yxy(28.7462, 0.3991, 0.2756)

Conversions

Conversions Part 1

Format	Color
Hex	DF6C9A
RGB	223, 108, 154
RGB Percent	87%, 42%, 60%
CMY	0.1255, 0.5765, 0.3960
CMYK	0.00, 0.52, 0.31, 0.13
HSL	336°, 64%, 65%
HSV	336°, 52%, 87%
XYZ	41.6278, 28.7462, 33.9301
YIQ	147.6290, 53.7740, 38.6860

Conversions

Conversions Part 2

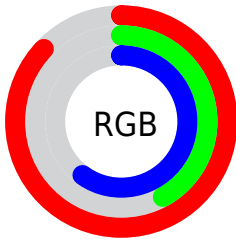
Format	Color
R _Y B	223, 108, 154
Decimal	14642330
CIE Lab	60.56, 49.72, -3.60
CIE LCh	61, 49.853, 355.861
Yxy	28.7462, 0.3991, 0.2756
Android (android.graphics.Color)	4292832410 (0xFFDF6C9A)
YUV	147.6290, 3.1409, 66.1004
Hunter-Lab	53.6155, 44.7626, 0.0097

Details

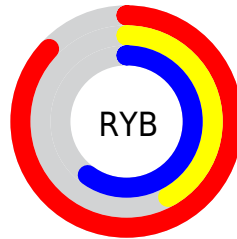
The Yxy color **28.7462, 0.3991, 0.2756** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **59.1391, 0.2691, 0.3929**, and the grayscale version is **29.4229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.0085, 0.3572, 0.2827**, and **11.6169, 0.4289, 0.2584** is the 20% darker color. If you saturate the color by 10%, you get **24.2088, 0.4260, 0.2677**, and if you desaturate by 10%, it is **34.5390, 0.3757, 0.2854**.

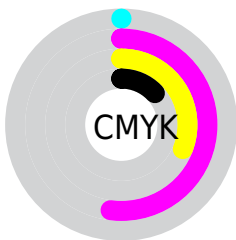
Distribution



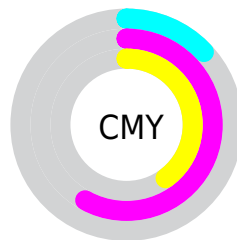
- Red (87%)
- Green (42%)
- Blue (60%)



- Red (87%)
- Yellow (42%)
- Blue (60%)



- Cyan (0%)
- Magenta (52%)
- Yellow (31%)
- Black (13%)



- Cyan (13%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7462, 0.3991, 0.2756 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 28.7462, 0.3991, 0.2756 by changing the saturation by 10% instead.


 28.7462, 0.3991,
0.2756


 28.7462, 0.3991,
0.2756


296.0156, 0.3529,
0.3037

 18.8889, 0.4116,
0.2681


 57.6736, 0.3816,
0.2862

 11.5900, 0.4283,
0.2582


 77.5125, 0.3752,
0.2900

 6.4652, 0.4516,
0.2446


 101.4474, 0.3700,
0.2933

 3.1299, 0.4863,
0.2247

 129.8627, 0.3655,
0.2960

 1.1999, 0.5424,
0.1934

163.1427, 0.3617,
0.2983

 0.0617, 0.7802,
0.0356

201.6720, 0.3584,

 0.0000, 1.0000,

0.3004

0.0000


245.8348, 0.3555,
0.3022

 0.0000, 0.0000,
0.0000


 28.7462, 0.3991,
0.2756

 28.7462, 0.3991,
0.2756


 24.2088, 0.4260,
0.2677


 34.5390, 0.3757,
0.2854


 20.8270, 0.4556,
0.2630


 41.6681, 0.3558,
0.2961

 18.4933, 0.4866,
0.2627

 50.2127, 0.3392,
0.3069

 17.0771, 0.5170,
0.2677


 60.2446, 0.3255,
0.3175

 16.4132, 0.5408,
0.2753

 71.8305, 0.3143,
0.3275

 85.0334, 0.3051,
0.3368

 93.9647, 0.2974,
0.3364

 94.4283, 0.2935,
0.3289

Harmonies

Analogous

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



28.7462, 0.3154, 0.2330



28.7462, 0.3991, 0.2756



28.7462, 0.4602, 0.3303

Triad

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



28.7462, 0.3991, 0.2756



28.7462, 0.3710, 0.4789



28.7462, 0.1739, 0.2386

Complementary

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



28.7462, 0.3991, 0.2756



59.1391, 0.2691, 0.3929

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.



28.7462, 0.1839, 0.3000



28.7462, 0.3991, 0.2756



28.7462, 0.2935, 0.4609

Square

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



28.7462, 0.3991, 0.2756



28.7462, 0.4373, 0.4453



28.7462, 0.2253, 0.3869



28.7462, 0.1932, 0.2101

Rectangle

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



28.7462, 0.3991, 0.2756



28.7462, 0.4744, 0.3697



28.7462, 0.2253, 0.3869



28.7462, 0.1738, 0.2553

Sweetspot

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



28.7476, 0.3991, 0.2756



76.5861, 0.3301, 0.3138



25.1777, 0.2709, 0.1875



15.7710, 0.3330, 0.3115



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.



28.7476, 0.3991, 0.2756



32.3342, 0.4285, 0.2672



29.6309, 0.4547, 0.3405



13.7909, 0.3230, 0.3197



9.6714, 0.5369, 0.2732



0.6877, 0.4962, 0.2507

Inverse Universe

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



28.7476, 0.3991, 0.2756



32.3342, 0.4285, 0.2672



56.3158, 0.2437, 0.3162



13.7909, 0.3230, 0.3197



9.6714, 0.5369, 0.2732



0.6877, 0.4962, 0.2507

Previews

White Background



This preview shows how the Yxy color 28.7462, 0.3991, 0.2756 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 28.7462, 0.3991, 0.2756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

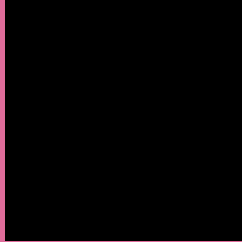
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7462, 0.3991, 0.2756

Background



This preview shows how black text looks on a background with the Yxy color 28.7462, 0.3991, 0.2756.



This preview shows how white text looks on a background with the Yxy color 28.7462, 0.3991, 0.2756.

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

28.7462, 0.3991, 0.2756

Protanopia

28.9541, 0.2771, 0.2785

Deuteranopia

28.9577, 0.3261, 0.3199



Tritanopia

28.6554, 0.4358, 0.3199

Trichromacy



Original Color

28.7462, 0.3991, 0.2756



Protanomaly

27.9131, 0.3163, 0.2760



Deuteranomaly

28.2346, 0.3519, 0.3010



Tritanomaly

28.6817, 0.4220, 0.3032

Monochromacy



Original Color

28.7462, 0.3991, 0.2756



Achromatopsia

29.6138, 0.3127, 0.3290



Achromatomaly

28.0910, 0.3421, 0.3044

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7462, 0.3991, 0.2756 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(223, 108, 154)` looks like.

```
.text, #text, p{  
  color:rgb(223, 108, 154)  
}
```

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(223, 108, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 108, 154) }
```

Border

The CSS property to change the border of an element to Yxy 28.7462, 0.3991, 0.2756 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(223, 108, 154) }
```

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

```
.border{ border-color:rgb(223, 108, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 108, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 108, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 108, 154);  
box-shadow:4px 4px 4px 4px rgb(223, 108,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7462, 0.3991, 0.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 108, 154) }
```

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

```
.background{ background-color: rgb(223,  
108, 154) }
```

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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