

Converting Colors

$Y_{xy}(27.7608, 0.4056, 0.2853)$

Have a look what the booklet for
Yxy(27.7608, 0.4056, 0.2853)
contains.

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Color

Yxy(27.6749, 0.4056, 0.2850)

Conversions

Conversions Part 1

Format	Color
Hex	DA6C91
RGB	218, 108, 145
RGB Percent	85%, 42%, 57%
CMY	0.1451, 0.5764, 0.4315
CMYK	0.00, 0.50, 0.33, 0.15
HSL	340°, 60%, 64%
HSV	340°, 50%, 85%
XYZ	39.3858, 27.6749, 30.0443
YIQ	145.1080, 53.6830, 34.8270

Conversions

Conversions Part 2

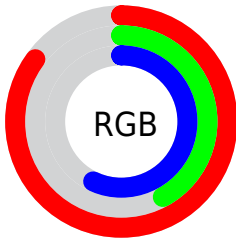
Format	Color
R _Y B	218, 108, 145
Decimal	14314641
CIE Lab	59.59, 46.93, 0.13
CIE LCh	60, 46.931, 0.157
Yxy	27.6749, 0.4056, 0.2850
Android (android.graphics.Color)	4292504721 (0xFFDA6C91)
YUV	145.1080, -0.0532, 63.9263
Hunter-Lab	52.6069, 41.5772, 2.9638

Details

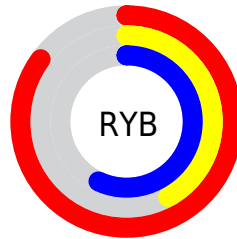
The Yxy color **27.6749, 0.4056, 0.2850** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **56.6701, 0.2660, 0.3807**, and the grayscale version is **28.3461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2242, 0.3659, 0.2907**, and **11.0322, 0.4376, 0.2693** is the 20% darker color. If you saturate the color by 10%, you get **23.2199, 0.4355, 0.2784**, and if you desaturate by 10%, it is **33.3390, 0.3798, 0.2933**.

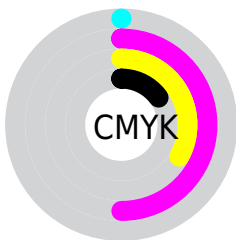
Distribution



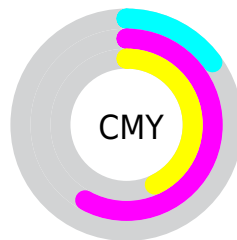
- Red (85%)
- Green (42%)
- Blue (57%)



- Red (85%)
- Yellow (42%)
- Blue (57%)



- Cyan (0%)
- Magenta (50%)
- Yellow (33%)
- Black (15%)





- Cyan (15%)
- Magenta (58%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.6749, 0.4056, 0.2850 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 27.6749, 0.4056, 0.2850 by changing the saturation by 10% instead.


 27.6749, 0.4056,
0.2850


 27.6749, 0.4056,
0.2850


290.9102, 0.3553,
0.3088


 18.0807, 0.4195,
0.2784


 55.9650, 0.3864,
0.2941

 11.0080, 0.4381,
0.2696


 75.4297, 0.3794,
0.2974

 6.0722, 0.4645,
0.2570

 98.9534, 0.3737,
0.3001

 2.8890, 0.5041,
0.2382

 126.9204, 0.3689,
0.3024

 1.0741, 0.5697,
0.2070

159.7152, 0.3647,
0.3044

 0.0000, 1.0000,
0.0000

197.7222, 0.3612,

 0.0000, 0.0000,

0.3061

0.0000

241.3257, 0.3581,
0.3075

■ 27.6749, 0.4056,
0.2850

■ 27.6749, 0.4056,
0.2850

■ 23.2199, 0.4355,
0.2784

■ 33.3390, 0.3798,
0.2933

■ 19.8804, 0.4687,
0.2746

■ 40.2885, 0.3580,
0.3023

■ 17.5557, 0.5034,
0.2750

■ 48.5980, 0.3400,
0.3114

■ 16.1245, 0.5370,
0.2802

■ 58.3355, 0.3253,
0.3203

■ 15.3903, 0.5657,
0.2890

■ 69.5640, 0.3132,
0.3286

 82.3432, 0.3034,
0.3364

 93.0973, 0.2952,
0.3379

 93.6457, 0.2906,
0.3289

Harmonies

Analogous

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



27.6749, 0.3270, 0.2416



27.6749, 0.4056, 0.2850



27.6749, 0.4582, 0.3390

Triad

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



27.6749, 0.4056, 0.2850



27.6749, 0.3588, 0.4730



27.6749, 0.1801, 0.2369

Complementary

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



27.6749, 0.4056, 0.2850



56.6701, 0.2660, 0.3807

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.



27.6749, 0.1859, 0.2915



27.6749, 0.4056, 0.2850



27.6749, 0.2844, 0.4466

Square

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



27.6749, 0.4056, 0.2850



27.6749, 0.4248, 0.4475



27.6749, 0.2217, 0.3720



27.6749, 0.2029, 0.2132

Rectangle

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



27.6749, 0.4056, 0.2850



27.6749, 0.4672, 0.3772



27.6749, 0.2217, 0.3720



27.6749, 0.1788, 0.2515

Sweetspot

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



27.6763, 0.4056, 0.2850



76.4480, 0.3318, 0.3162



25.4329, 0.2794, 0.1935



15.7380, 0.3350, 0.3143



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.



27.6763, 0.4056, 0.2850



32.5273, 0.4389, 0.2778



30.5315, 0.4447, 0.3491



13.1234, 0.3239, 0.3212



9.2382, 0.5619, 0.2869



0.6142, 0.5159, 0.2615

Inverse Universe

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



27.6763, 0.4056, 0.2850



32.5273, 0.4389, 0.2778



50.2589, 0.2429, 0.3064



13.1234, 0.3239, 0.3212



9.2382, 0.5619, 0.2869



0.6142, 0.5159, 0.2615

Previews

White Background



This preview shows how the Yxy color 27.6749, 0.4056, 0.2850 looks on a white background.

Color Contrast Check

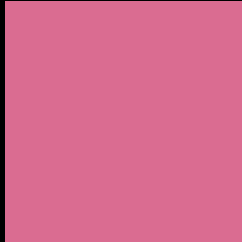
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6749, 0.4056, 0.2850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

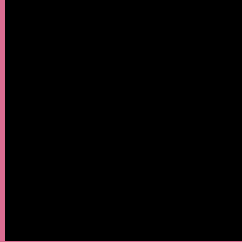
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6749, 0.4056, 0.2850

Background



This preview shows how black text looks on a background with the Yxy color 27.6749, 0.4056, 0.2850.



This preview shows how white text looks on a background with the Yxy color 27.6749, 0.4056, 0.2850.

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

27.6749, 0.4056, 0.2850

Protanopia

27.9735, 0.2881, 0.2929

Deuteranopia

27.7296, 0.3338, 0.3275



Tritanopia

27.7897, 0.4334, 0.3197

Trichromacy



Original Color

27.6749, 0.4056, 0.2850

Protanomaly

26.7587, 0.3259, 0.2878

Deuteranomaly

27.0946, 0.3584, 0.3090

Tritanomaly

27.7323, 0.4235, 0.3064

Monochromacy



Original Color

27.6749, 0.4056, 0.2850

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.3175, 0.3446, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6749, 0.4056, 0.2850 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(218, 108, 145)` looks like.

```
.text, #text, p{  
    color:rgb(218, 108, 145)  
}
```

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(218, 108, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 108, 145) }
```

Border

The CSS property to change the border of an element to Yxy 27.6749, 0.4056, 0.2850 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(218, 108, 145) }
```

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

```
.border{ border-color:rgb(218, 108, 145) }
```

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

Here you see how a box with a 4 pixel rgb(218, 108, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 108, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 108, 145);  
box-shadow:4px 4px 4px 4px rgb(218, 108,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6749, 0.4056, 0.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 108, 145) }
```

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

```
.background{ background-color: rgb(218,  
108, 145) }
```

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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