

Converting Colors

$Y_{xy}(28.2317, 0.4062, 0.2870)$

Have a look what the booklet for
Yxy(28.2317, 0.4062, 0.2870)
contains.

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Color

Yxy(28.2563, 0.4059, 0.2875)

Conversions

Conversions Part 1

Format	Color
Hex	DB6E91
RGB	219, 110, 145
RGB Percent	86%, 43%, 57%
CMY	0.1413, 0.5685, 0.4314
CMYK	0.00, 0.50, 0.34, 0.14
HSL	341°, 60%, 65%
HSV	341°, 50%, 86%
XYZ	39.8930, 28.2563, 30.1335
YIQ	146.5810, 53.7290, 33.9930

Conversions

Conversions Part 2

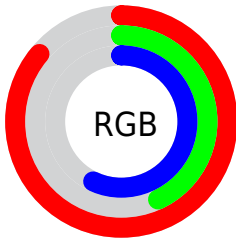
Format	Color
R _Y B	219, 110, 145
Decimal	14380689
CIE Lab	60.12, 46.26, 0.91
CIE LCh	60, 46.267, 1.122
Yxy	28.2563, 0.4059, 0.2875
Android (android.graphics.Color)	4292570769 (0xFFDB6E91)
YUV	146.5810, -0.7794, 63.5115
Hunter-Lab	53.1567, 40.9364, 3.5993

Details

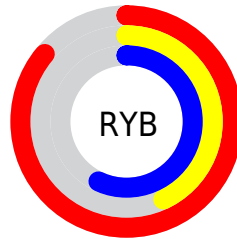
The Yxy color **28.2563, 0.4059, 0.2875** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **57.4265, 0.2656, 0.3774**, and the grayscale version is **28.9848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9344, 0.3654, 0.2928**, and **11.3295, 0.4380, 0.2723** is the 20% darker color. If you saturate the color by 10%, you get **23.6716, 0.4363, 0.2811**, and if you desaturate by 10%, it is **34.0713, 0.3797, 0.2955**.

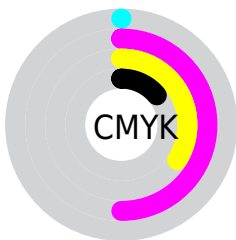
Distribution



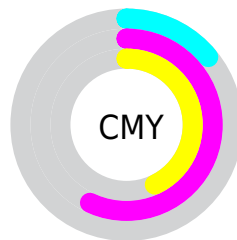
- Red (86%)
- Green (43%)
- Blue (57%)



- Red (86%)
- Yellow (43%)
- Blue (57%)



- Cyan (0%)
- Magenta (50%)
- Yellow (34%)
- Black (14%)




- Cyan (14%)
- Magenta (57%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2563, 0.4059, 0.2875 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 28.2563, 0.4059, 0.2875 by changing the saturation by 10% instead.


 28.2563, 0.4059,
0.2875


 28.2563, 0.4059,
0.2875


293.6896, 0.3556,
0.3100

 18.5190, 0.4198,
0.2813


 56.8934, 0.3867,
0.2961


 11.3232, 0.4384,
0.2728


 76.5619, 0.3797,
0.2992

 6.2847, 0.4646,
0.2609


 100.3096, 0.3740,
0.3018

 3.0189, 0.5039,
0.2429

 128.5209, 0.3691,
0.3040

 1.1416, 0.5687,
0.2130

161.5801, 0.3650,
0.3058

 0.0132, 0.9889,
0.0111

199.8717, 0.3614,

 0.0000, 1.0000,

0.3074

0.0000

243.7801, 0.3583,
0.3088

■ 0.0000, 0.0000,
0.0000

■ 28.2563, 0.4059,
0.2875

■ 28.2563, 0.4059,
0.2875

■ 23.6716, 0.4363,
0.2811

■ 34.0713, 0.3797,
0.2955

■ 20.2230, 0.4702,
0.2775

■ 41.1931, 0.3576,
0.3041

■ 17.8097, 0.5058,
0.2777


■ 49.6971, 0.3395,
0.3128


■ 16.3104, 0.5403,
0.2828


■ 59.6515, 0.3246,
0.3213

■ 15.5177, 0.5708,
0.2920

■ 71.1203, 0.3124,
0.3292

 15.5012, 0.5715,
0.2922

 84.1632, 0.3026,
0.3365

 93.4204, 0.2943,
0.3350

 93.7957, 0.2911,
0.3289

Harmonies

Analogous

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



28.2563, 0.3293, 0.2443



28.2563, 0.4059, 0.2875



28.2563, 0.4561, 0.3409

Triad

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



28.2563, 0.4059, 0.2875



28.2563, 0.3559, 0.4699



28.2563, 0.1827, 0.2375

Complementary

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



28.2563, 0.4059, 0.2875



57.4265, 0.2656, 0.3774

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.



28.2563, 0.1875, 0.2903



28.2563, 0.4059, 0.2875



28.2563, 0.2830, 0.4421

Square

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



28.2563, 0.4059, 0.2875



28.2563, 0.4211, 0.4468



28.2563, 0.2220, 0.3685



28.2563, 0.2060, 0.2150

Rectangle

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



28.2563, 0.4059, 0.2875



28.2563, 0.4640, 0.3785



28.2563, 0.2220, 0.3685



28.2563, 0.1811, 0.2517

Sweetspot

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



28.2577, 0.4059, 0.2875



76.4154, 0.3322, 0.3168



26.2964, 0.2818, 0.1960



15.7302, 0.3355, 0.3150



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.



28.2577, 0.4059, 0.2875



33.0002, 0.4388, 0.2807



31.6691, 0.4408, 0.3511



13.1200, 0.3242, 0.3215



9.2119, 0.5676, 0.2900



0.6122, 0.5211, 0.2644

Inverse Universe

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



28.2577, 0.4059, 0.2875



33.0002, 0.4388, 0.2807



50.1168, 0.2432, 0.3042



13.1200, 0.3242, 0.3215



9.2119, 0.5676, 0.2900



0.6122, 0.5211, 0.2644

Previews

White Background



This preview shows how the Yxy color 28.2563, 0.4059, 0.2875 looks on a white background.

Color Contrast Check

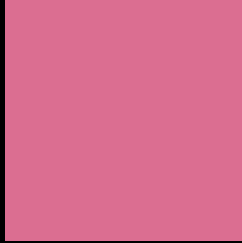
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2563, 0.4059, 0.2875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

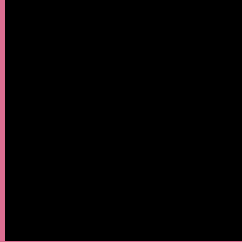
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2563, 0.4059, 0.2875

Background



This preview shows how black text looks on a background with the Yxy color 28.2563, 0.4059, 0.2875.



This preview shows how white text looks on a background with the Yxy color 28.2563, 0.4059, 0.2875.

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

28.2563, 0.4059, 0.2875

Protanopia

28.4505, 0.2901, 0.2947

Deuteranopia

28.2267, 0.3359, 0.3291



Tritanopia

28.1915, 0.4326, 0.3197

Trichromacy



Original Color

28.2563, 0.4059, 0.2875

Protanomaly

27.5172, 0.3279, 0.2911

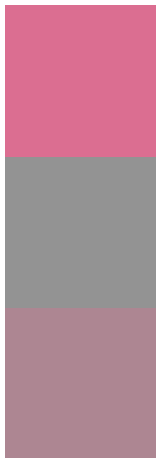
Deuteranomaly

27.5986, 0.3604, 0.3106

Tritanomaly

28.3274, 0.4236, 0.3089

Monochromacy



Original Color

28.2563, 0.4059, 0.2875

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.0098, 0.3441, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2563, 0.4059, 0.2875 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(219, 110, 145)` looks like.

```
.text, #text, p{  
    color:rgb(219, 110, 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(219, 110, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 110, 145) }
```

Border

The CSS property to change the border of an element to Yxy 28.2563, 0.4059, 0.2875 is called "border". The border property can be set on classes, ids or directly on the HTML element.

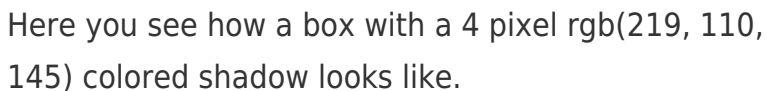
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 110, 145) }
```

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

```
.border{ border-color:rgb(219, 110, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 110, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 110, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 110, 145);  
box-shadow:4px 4px 4px 4px rgb(219, 110,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2563, 0.4059, 0.2875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 110, 145) }
```

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

```
.background{ background-color: rgb(219,  
110, 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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