

Converting Colors

$Y_{xy}(27.6906, 0.4102, 0.2986)$

Have a look what the booklet for
Yxy(27.6906, 0.4102, 0.2986)
contains.

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Color

Yxy(27.6906, 0.4102, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	D67089
RGB	214, 112, 137
RGB Percent	84%, 44%, 54%
CMY	0.1608, 0.5607, 0.4628
CMYK	0.00, 0.48, 0.36, 0.16
HSL	345°, 55%, 64%
HSV	345°, 48%, 84%
XYZ	38.0398, 27.6906, 27.0044
YIQ	145.3480, 52.7670, 29.3990

Conversions

Conversions Part 2

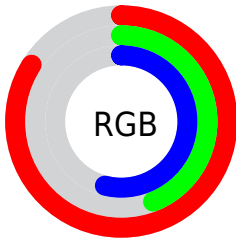
Format	Color
R_{YB}	214, 112, 137
Decimal	14053513
CIE _{Lab}	59.61, 42.57, 4.70
CIE _{LCh}	60, 42.832, 6.302
Yxy	27.6906, 0.4102, 0.2986
Android (android.graphics.Color)	4292243593 (0xFFD67089)
YUV	145.3480, -4.1156, 60.2078
Hunter-Lab	52.6219, 36.9476, 6.4090

Details

The Yxy color **27.6906, 0.4102, 0.2986** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **55.2111, 0.2629, 0.3636**, and the grayscale version is **28.4663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2501, 0.3734, 0.3041**, and **10.9878, 0.4454, 0.2871** is the 20% darker color. If you saturate the color by 10%, you get **23.0877, 0.4436, 0.2937**, and if you desaturate by 10%, it is **33.4878, 0.3817, 0.3048**.

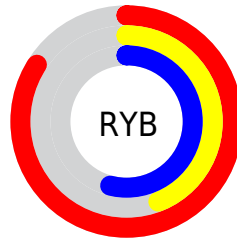
Distribution



Red (84%)

Green (44%)

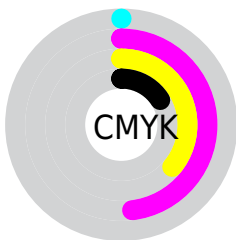
Blue (54%)



Red (84%)

Yellow (44%)

Blue (54%)

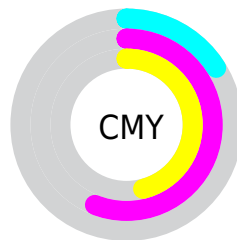


Cyan (0%)

Magenta (48%)

Yellow (36%)

Black (16%)



Cyan (16%)


Magenta (56%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6906, 0.4102, 0.2986 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 27.6906, 0.4102, 0.2986 by changing the saturation by 10% instead.


 27.6906, 0.4102,
0.2986


 27.6906, 0.4102,
0.2986


290.9855, 0.3571,
0.3158


 18.0926, 0.4250,
0.2936


 55.9901, 0.3898,
0.3054


 11.0165, 0.4449,
0.2866


 75.4603, 0.3825,
0.3077

 6.0779, 0.4732,
0.2765

 98.9901, 0.3764,
0.3097

 2.8925, 0.5161,
0.2605

 126.9638, 0.3713,
0.3113

 1.0759, 0.5881,
0.2326

159.7658, 0.3670,
0.3127

 0.0000, 1.0000,
0.0000

197.7804, 0.3632,

 0.0000, 0.0000,

0.3139

0.0000

241.3922, 0.3600,
0.3149

■ 27.6906, 0.4102,
0.2986

■ 27.6906, 0.4102,
0.2986

■ 23.0877, 0.4436,
0.2937

■ 33.4878, 0.3817,
0.3048

■ 19.5911, 0.4812,
0.2909

■ 40.5508, 0.3579,
0.3114

■ 17.1073, 0.5206,
0.2914

■ 48.9505, 0.3385,
0.3180

■ 15.5253, 0.5583,
0.2959

■ 58.7512, 0.3227,
0.3244


■ 14.6919, 0.5902,
0.3042

■ 70.0130, 0.3100,
0.3304

 14.5473, 0.5968,
0.3061

 82.7927, 0.2996,
0.3358

 92.7236, 0.2909,
0.3340

 93.0355, 0.2883,
0.3289

Harmonies

Analogous

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



27.6906, 0.3413, 0.2553



27.6906, 0.4102, 0.2986



27.6906, 0.4504, 0.3503

Triad

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



27.6906, 0.4102, 0.2986



27.6906, 0.3422, 0.4591



27.6906, 0.1921, 0.2378

Complementary

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



27.6906, 0.4102, 0.2986



55.2111, 0.2629, 0.3636

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.



27.6906, 0.1922, 0.2829



27.6906, 0.4102, 0.2986



27.6906, 0.2743, 0.4239

Square

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



27.6906, 0.4102, 0.2986



27.6906, 0.4058, 0.4459



27.6906, 0.2203, 0.3527



27.6906, 0.2188, 0.2205

Rectangle

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



27.6906, 0.4102, 0.2986



27.6906, 0.4530, 0.3859



27.6906, 0.2203, 0.3527



27.6906, 0.1891, 0.2497

Sweetspot

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



27.6920, 0.4102, 0.2986



77.6837, 0.3326, 0.3203



27.2002, 0.2921, 0.2048



15.9732, 0.3362, 0.3189



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.



27.6920, 0.4102, 0.2986



34.3888, 0.4433, 0.2937



33.5012, 0.4271, 0.3607



12.4702, 0.3253, 0.3233



8.8072, 0.5932, 0.3042



0.5445, 0.5434, 0.2767

Inverse Universe

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



27.6920, 0.4102, 0.2986



34.3888, 0.4433, 0.2937



44.4804, 0.2434, 0.2933



12.4702, 0.3253, 0.3233



8.8072, 0.5932, 0.3042



0.5445, 0.5434, 0.2767

Previews

White Background



This preview shows how the Yxy color 27.6906, 0.4102, 0.2986 looks on a white background.

Color Contrast Check

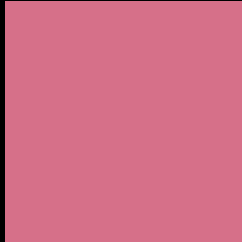
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6906, 0.4102, 0.2986 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 27.6906, 0.4102, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 27.6906, 0.4102, 0.2986.



This preview shows how white text looks on a background with the Yxy color 27.6906, 0.4102, 0.2986.

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

27.6906, 0.4102, 0.2986

Protanopia

27.8511, 0.3012, 0.3099

Deuteranopia

27.8126, 0.3459, 0.3399



Tritanopia

27.8377, 0.4263, 0.3195

Trichromacy



Original Color

27.6906, 0.4102, 0.2986

Protanomaly

27.0757, 0.3378, 0.3053

Deuteranomaly

27.2455, 0.3688, 0.3220

Tritanomaly

27.7393, 0.4202, 0.3120

Monochromacy



Original Color

27.6906, 0.4102, 0.2986

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.2741, 0.3454, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6906, 0.4102, 0.2986 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(214, 112, 137)` looks like.

```
.text, #text, p{  
    color:rgb(214, 112, 137)  
}
```

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(214, 112, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 112, 137) }
```

Border

The CSS property to change the border of an element to Yxy 27.6906, 0.4102, 0.2986 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(214, 112, 137) }
```

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

```
.border{ border-color:rgb(214, 112, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 112, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 112, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 112, 137);  
box-shadow:4px 4px 4px 4px rgb(214, 112,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6906, 0.4102, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 112, 137) }
```

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

```
.background{ background-color: rgb(214,  
112, 137) }
```

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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