

Converting Colors

$Y_{xy}(27.4037, 0.3060, 0.1913)$

Have a look what the booklet for
Yxy(27.4037, 0.3060, 0.1913)
contains.

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Color

Yxy(27.3786, 0.3055, 0.1912)

Conversions

Conversions Part 1

Format	Color
Hex	D161DE
RGB	209, 97, 222
RGB Percent	82%, 38%, 87%
CMY	0.1805, 0.6195, 0.1295
CMYK	0.06, 0.56, 0.00, 0.13
HSL	294°, 65%, 63%
HSV	294°, 56%, 87%
XYZ	43.7456, 27.3786, 72.0693
YIQ	144.7380, 26.6270, 62.6190

Conversions

Conversions Part 2

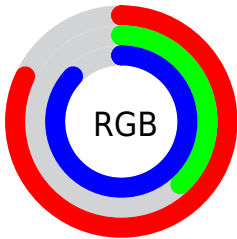
Format	Color
R_{YB}	209, 97, 222
Decimal	13722078
CIE _{Lab}	59.32, 61.37, -44.43
CIE _{LCh}	59, 75.769, 324.098
Yxy	27.3786, 0.3055, 0.1912
Android (android.graphics.Color)	4291912158 (0xFFD161DE)
YUV	144.7380, 38.0902, 56.3578
Hunter-Lab	52.3246, 57.6658, -45.0360

Details

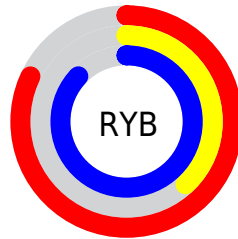
The Yxy color **27.3786, 0.3055, 0.1912** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **56.4111, 0.3113, 0.5059**, and the grayscale version is **28.0419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9365, 0.3174, 0.2293**, and **10.8796, 0.3000, 0.1588** is the 20% darker color. If you saturate the color by 10%, you get **23.4997, 0.3033, 0.1724**, and if you desaturate by 10%, it is **32.4123, 0.3075, 0.2132**.

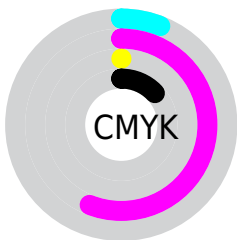
Distribution



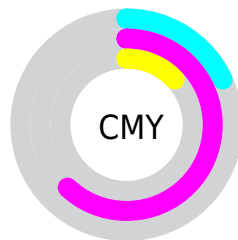
- Red (82%)
- Green (38%)
- Blue (87%)



- Red (82%)
- Yellow (38%)
- Blue (87%)



- Cyan (6%)
- Magenta (56%)
- Yellow (0%)
- Black (13%)




- Cyan (18%)
- Magenta (62%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.3786, 0.3055, 0.1912 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 27.3786, 0.3055, 0.1912 by changing the saturation by 10% instead.


 27.3786, 0.3055,
0.1912


 27.3786, 0.3055,
0.1912


289.4856, 0.3123,
0.2565


 17.8578, 0.3029,
0.1764


 55.4908, 0.3087,
0.2139


 10.8479, 0.2990,
0.1583


 74.8510, 0.3097,
0.2227

 5.9647, 0.2931,
0.1359


 98.2597, 0.3104,
0.2303

 2.8236, 0.2836,
0.1080

 126.1014, 0.3110,
0.2369

 1.0403, 0.2671,
0.0737

158.7604, 0.3114,
0.2427

 0.0000, 0.2453,
0.0000


196.6212, 0.3118,


 0.0000, 0.1516,


0.2478


0.0000


240.0681, 0.3121,
0.2524


 0.0000, 0.0000,
0.0000

 27.3786, 0.3055,
0.1912


 27.3786, 0.3055,
0.1912


 23.4997, 0.3033,
0.1724


 32.4123, 0.3075,
0.2132


 20.6735, 0.3008,
0.1577

 38.6843, 0.3092,
0.2374

 18.7864, 0.2982,
0.1473

 46.2745, 0.3105,
0.2628


 17.6944, 0.2955,
0.1413


 55.2549, 0.3116,
0.2885

 17.3978, 0.2945,
0.1396

 65.6927, 0.3124,
0.3137

 77.6502, 0.3129,
0.3378

 91.1865, 0.3132,
0.3605

 93.1976, 0.3145,
0.3629

 93.5767, 0.3160,
0.3628

Harmonies

Analogous

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



27.3786, 0.2025, 0.1621



27.3786, 0.3055, 0.1912



27.3786, 0.4363, 0.2454

Triad

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



27.3786, 0.3055, 0.1912



27.3786, 0.4857, 0.4760



27.3786, 0.1312, 0.2833

Complementary

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



27.3786, 0.3055, 0.1912



56.4111, 0.3113, 0.5059

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.



27.3786, 0.1843, 0.4283



27.3786, 0.3055, 0.1912



27.3786, 0.3878, 0.5510

Square

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



27.3786, 0.3055, 0.1912



27.3786, 0.5463, 0.3912



27.3786, 0.2790, 0.5504



27.3786, 0.1201, 0.1965

Rectangle

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



27.3786, 0.3055, 0.1912



27.3786, 0.5095, 0.2907



27.3786, 0.2790, 0.5504



27.3786, 0.1437, 0.3266

Sweetspot

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



27.3798, 0.3055, 0.1912



74.5466, 0.3115, 0.2863



19.3184, 0.2080, 0.1684



15.3965, 0.3113, 0.2811



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.



27.3798, 0.3055, 0.1912



31.1912, 0.3027, 0.1688



27.1407, 0.3744, 0.2417



13.8594, 0.3121, 0.3058



10.3652, 0.2949, 0.1398



0.7396, 0.2992, 0.1422

Inverse Universe

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



25.2081, 0.4646, 0.3148



28.1477, 0.5191, 0.3141



56.8154, 0.2807, 0.4412



13.7236, 0.3276, 0.3266



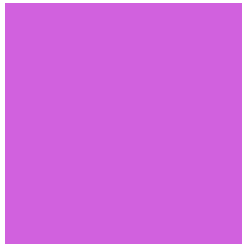
9.2690, 0.6274, 0.3230



0.6504, 0.5975, 0.3065

Previews

White Background



This preview shows how the Yxy color 27.3786, 0.3055, 0.1912 looks on a white background.

Color Contrast Check

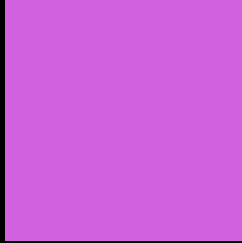
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3786, 0.3055, 0.1912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

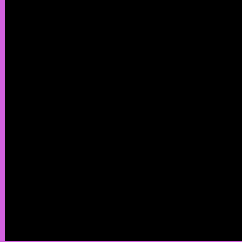
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3786, 0.3055, 0.1912

Background



This preview shows how black text looks on a background with the Yxy color 27.3786, 0.3055, 0.1912.



This preview shows how white text looks on a background with the Yxy color 27.3786, 0.3055, 0.1912.

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

27.3786, 0.3055, 0.1912

Protanopia

27.7599, 0.1989, 0.1764

Deuteranopia

27.5805, 0.2299, 0.2235



Tritanopia

27.1568, 0.3958, 0.3172

Trichromacy



Original Color

27.3786, 0.3055, 0.1912



Protanomaly

25.7919, 0.2242, 0.1758



Deuteranomaly

26.1345, 0.2518, 0.2055



Tritanomaly

26.6502, 0.3613, 0.2638

Monochromacy



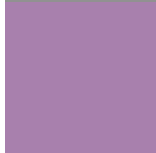
Original Color

27.3786, 0.3055, 0.1912



Achromatopsia

28.3149, 0.3127, 0.3290



Achromatomaly

26.7803, 0.3103, 0.2645

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3786, 0.3055, 0.1912 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(209, 97, 222)` looks like.

```
.text, #text, p{  
    color:rgb(209, 97, 222)  
}
```

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(209, 97, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 97, 222) }
```

Border

The CSS property to change the border of an element to Yxy 27.3786, 0.3055, 0.1912 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(209, 97, 222) }
```

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

```
.border{ border-color:rgb(209, 97, 222) }
```

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

Here you see how a box with a 4 pixel rgb(209, 97, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 97, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 97, 222);  
box-shadow:4px 4px 4px 4px rgb(209, 97,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3786, 0.3055, 0.1912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 97, 222) }
```

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

```
.background{ background-color: rgb(209, 97,  
222) }
```

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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