

Converting Colors

$Y_{xy}(41.9325, 0.3046, 0.2784)$

Have a look what the booklet for
Yxy(41.9325, 0.3046, 0.2784)
contains.

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Color

Yxy(41.7605, 0.3043, 0.2779)

Conversions

Conversions Part 1

Format	Color
Hex	C0A3CC
RGB	192, 163, 204
RGB Percent	75%, 64%, 80%
CMY	0.2472, 0.3607, 0.2000
CMYK	0.06, 0.20, 0.00, 0.20
HSL	282°, 29%, 72%
HSV	282°, 20%, 80%
XYZ	45.7277, 41.7605, 62.7835
YIQ	176.3450, 4.1230, 18.8990

Conversions

Conversions Part 2

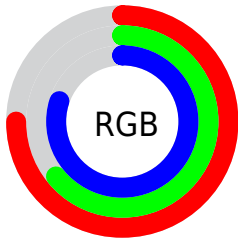
Format	Color
R _{YB}	192, 163, 204
Decimal	12624844
CIE _{Lab}	70.71, 18.06, -16.97
CIE _{LCh}	71, 24.782, 316.771
Y _{xy}	41.7605, 0.3043, 0.2779
Android (android.graphics.Color)	4290814924 (0xFFC0A3CC)
Y _{UV}	176.3450, 13.6339, 13.7294
Hunter-Lab	64.6224, 13.2199, -12.3672

Details

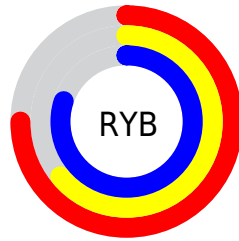
The Yxy color $41.7605, 0.3043, 0.2779$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $54.9579, 0.3194, 0.3824$, and the grayscale version is $43.5306, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.5025, 0.3102, 0.2925$, and $18.9742, 0.3009, 0.2635$ is the 20% darker color. If you saturate the color by 10%, you get $34.3247, 0.2989, 0.2508$, and if you desaturate by 10%, it is $50.4004, 0.3089, 0.3041$.

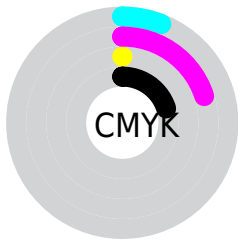
Distribution



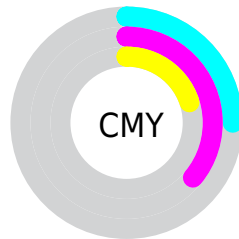
- Red (75%)
- Green (64%)
- Blue (80%)



- Red (75%)
- Yellow (64%)
- Blue (80%)



- Cyan (6%)
- Magenta (20%)
- Yellow (0%)
- Black (20%)





- Cyan (25%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7605, 0.3043, 0.2779 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 41.7605, 0.3043, 0.2779 by changing the saturation by 10% instead.


 41.7605, 0.3043,
0.2779


 41.7605, 0.3043,
0.2779


353.4892, 0.3089,
0.3030

 28.9138, 0.3030,
0.2718


 77.8370, 0.3061,
0.2869

 19.0156, 0.3013,
0.2641


 101.8356, 0.3067,
0.2903

 11.6816, 0.2990,
0.2540


130.3204, 0.3072,
0.2932

 6.5272, 0.2955,
0.2402

163.6756, 0.3077,
0.2957

 3.1682, 0.2898,
0.2205

202.2856, 0.3081,
0.2979

 1.2202, 0.2796,
0.1900

246.5350, 0.3084,

 0.0781, 0.2713,

0.2998

0.0411

296.8080, 0.3087,
0.3015

0.0000, 0.0000,
0.0000

41.7605, 0.3043,
0.2779

41.7605, 0.3043,
0.2779

34.3247, 0.2989,
0.2508

50.4004, 0.3089,
0.3041

28.0315, 0.2928,
0.2236

60.2916, 0.3127,
0.3288

22.8215, 0.2859,
0.1972


71.4853, 0.3158,
0.3518


18.6283, 0.2785,
0.1728


84.0282, 0.3184,
0.3729


15.3775, 0.2706,
0.1515

91.4014, 0.3213,
0.3826


 12.9848, 0.2626,
0.1343

 92.3651, 0.3252,
0.3820

 11.3499, 0.2547,
0.1218

 93.3628, 0.3291,
0.3813

 10.2927, 0.2472,
0.1136

 94.3949, 0.3330,
0.3807

 95.4616, 0.3370,
0.3800

Harmonies

Analogous

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



41.7605, 0.2719, 0.2703



41.7605, 0.3043, 0.2779



41.7605, 0.3408, 0.2972

Triad

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



41.7605, 0.3043, 0.2779



41.7605, 0.3772, 0.3793



41.7605, 0.2574, 0.3297

Complementary

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



41.7605, 0.3043, 0.2779



54.9579, 0.3194, 0.3824

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.



41.7605, 0.2832, 0.3640



41.7605, 0.3043, 0.2779



41.7605, 0.3524, 0.3929

Square

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



41.7605, 0.3043, 0.2779



41.7605, 0.3843, 0.3539



41.7605, 0.3178, 0.3879



41.7605, 0.2461, 0.2976

Rectangle

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



41.7605, 0.3043, 0.2779



41.7605, 0.3622, 0.3148



41.7605, 0.3178, 0.3879



41.7605, 0.2646, 0.3414

Sweetspot

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



41.7623, 0.3043, 0.2779



89.7806, 0.3105, 0.3142



42.9317, 0.2805, 0.2909



18.9888, 0.3102, 0.3125



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.



41.7623, 0.3043, 0.2779



63.7206, 0.3021, 0.2666



43.0168, 0.3221, 0.2890



11.2317, 0.3092, 0.3058



6.5275, 0.2483, 0.1141



0.3746, 0.2629, 0.1222

Inverse Universe

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



42.1377, 0.3409, 0.3140



64.4975, 0.3484, 0.3106



53.9280, 0.3045, 0.3726



11.2670, 0.3245, 0.3222



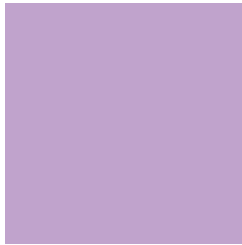
8.2994, 0.5764, 0.2949



0.4416, 0.5195, 0.2636

Previews

White Background



This preview shows how the Yxy color 41.7605, 0.3043, 0.2779 looks on a white background.

Color Contrast Check

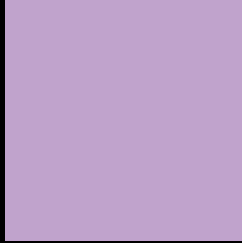
Large Text (above 18pt) WCAG AA × Fail

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 41.7605, 0.3043, 0.2779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

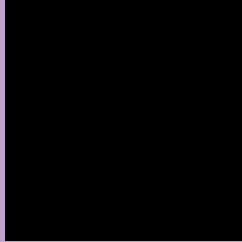
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7605, 0.3043, 0.2779

Background



This preview shows how black text looks on a background with the Yxy color 41.7605, 0.3043, 0.2779.



This preview shows how white text looks on a background with the Yxy color 41.7605, 0.3043, 0.2779.

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

41.7605, 0.3043, 0.2779

Protanopia

42.1575, 0.2776, 0.2793

Deuteranopia

41.9178, 0.2914, 0.2849



Tritanopia

41.6241, 0.3209, 0.3121

Trichromacy



Original Color

41.7605, 0.3043, 0.2779

Protanomaly

42.0440, 0.2868, 0.2788

Deuteranomaly

41.8943, 0.2964, 0.2830

Tritanomaly

41.7654, 0.3141, 0.2995

Monochromacy



Original Color

41.7605, 0.3043, 0.2779

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.6161, 0.3101, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7605, 0.3043, 0.2779 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(192, 163, 204)` looks like.

```
.text, #text, p{  
    color:rgb(192, 163, 204)  
}
```

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(192, 163, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 163, 204) }
```

Border

The CSS property to change the border of an element to Yxy 41.7605, 0.3043, 0.2779 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(192, 163, 204) }
```

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

```
.border{ border-color:rgb(192, 163, 204) }
```

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

Here you see how a box with a 4 pixel rgb(192, 163, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 163, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 163, 204);  
box-shadow:4px 4px 4px 4px rgb(192, 163,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7605, 0.3043, 0.2779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 163, 204) }
```

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

```
.background{ background-color: rgb(192,  
163, 204) }
```

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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