

Converting Colors

$Y_{xy}(41.0208, 0.3017, 0.2762)$

Have a look what the booklet for
Yxy(41.0208, 0.3017, 0.2762)
contains.

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Color

Yxy(41.0191, 0.3017, 0.2762)

Conversions

Conversions Part 1

Format	Color
Hex	BDA2CC
RGB	189, 162, 204
RGB Percent	74%, 64%, 80%
CMY	0.2588, 0.3647, 0.2000
CMYK	0.07, 0.21, 0.00, 0.20
HSL	279°, 29%, 72%
HSV	279°, 21%, 80%
XYZ	44.8062, 41.0191, 62.6870
YIQ	174.8610, 2.6100, 18.7860

Conversions

Conversions Part 2

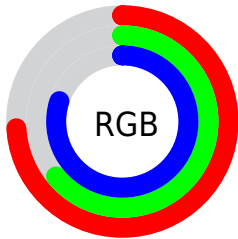
Format	Color
R _Y B	189, 162, 204
Decimal	12427980
CIE Lab	70.19, 17.63, -17.78
CIE LCh	70, 25.039, 314.763
Yxy	41.0191, 0.3017, 0.2762
Android (android.graphics.Color)	4290618060 (0xFFBDA2CC)
YUV	174.8610, 14.3655, 12.3999
Hunter-Lab	64.0462, 12.7964, -13.1995

Details

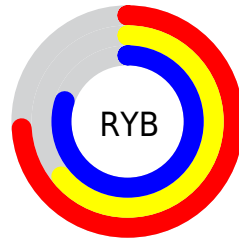
The Yxy color $41.0191, 0.3017, 0.2762$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $55.1467, 0.3217, 0.3835$, and the grayscale version is $42.7185, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.4385, 0.3082, 0.2913$, and $18.5048, 0.2972, 0.2610$ is the 20% darker color. If you saturate the color by 10%, you get $33.4981, 0.2949, 0.2486$, and if you desaturate by 10%, it is $49.7564, 0.3075, 0.3027$.

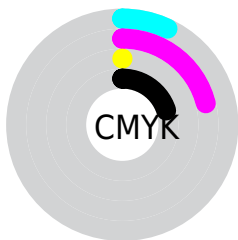
Distribution



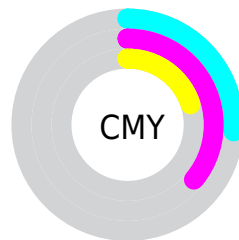
- Red (74%)
- Green (64%)
- Blue (80%)



- Red (74%)
- Yellow (64%)
- Blue (80%)



- Cyan (7%)
- Magenta (21%)
- Yellow (0%)
- Black (20%)





- Cyan (26%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0191, 0.3017, 0.2762 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 41.0191, 0.3017, 0.2762 by changing the saturation by 10% instead.

 41.0191, 0.3017,
0.2762

 41.0191, 0.3017,
0.2762


350.4004, 0.3077,
0.3021

 28.3340, 0.3001,
0.2699


 76.7129, 0.3040,
0.2855

 18.5776, 0.2979,
0.2619


 100.4904, 0.3048,
0.2890

 11.3655, 0.2950,
0.2513


128.7341, 0.3055,
0.2920

 6.3132, 0.2906,
0.2370

161.8285, 0.3060,
0.2946

 3.0365, 0.2836,
0.2164

200.1579, 0.3065,
0.2969

 1.1508, 0.2712,
0.1846

244.1068, 0.3070,


 0.0210, 0.2545,


0.2989


0.0118

294.0595, 0.3073,
0.3006


 0.0000, 0.0000,
0.0000

 41.0191, 0.3017,
0.2762


 41.0191, 0.3017,
0.2762


 33.4981, 0.2949,
0.2486


 49.7564, 0.3075,
0.3027

 27.1313, 0.2872,
0.2207


 59.7578, 0.3125,
0.3276


 21.8589, 0.2786,
0.1934

 71.0748, 0.3166,
0.3506

 17.6138, 0.2694,
0.1679

 83.7544, 0.3199,
0.3717

 14.3209, 0.2597,
0.1455

 91.9591, 0.3236,
0.3822

■ 11.8948, 0.2500,
0.1273

■ 93.1588, 0.3283,
0.3814

■ 10.2340, 0.2406,
0.1139

■ 94.4092, 0.3331,
0.3807

■ 9.1949, 0.2323,
0.1053

■ 95.7107, 0.3379,
0.3799

■ 97.0642, 0.3427,
0.3791

Harmonies

Analogous

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



41.0191, 0.2694, 0.2693



41.0191, 0.3017, 0.2762



41.0191, 0.3389, 0.2951

Triad

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



41.0191, 0.3017, 0.2762



41.0191, 0.3793, 0.3786



41.0191, 0.2578, 0.3320

Complementary

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



41.0191, 0.3017, 0.2762



55.1467, 0.3217, 0.3835

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.



41.0191, 0.2848, 0.3667



41.0191, 0.3017, 0.2762



41.0191, 0.3551, 0.3936

Square

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



41.0191, 0.3017, 0.2762



41.0191, 0.3852, 0.3522



41.0191, 0.3203, 0.3900



41.0191, 0.2453, 0.2990

Rectangle

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



41.0191, 0.3017, 0.2762



41.0191, 0.3611, 0.3126



41.0191, 0.3203, 0.3900



41.0191, 0.2654, 0.3440

Sweetspot

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



41.0208, 0.3017, 0.2762



89.6016, 0.3099, 0.3141



43.6464, 0.2799, 0.2937



18.9464, 0.3095, 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.



41.0208, 0.3017, 0.2762



61.7840, 0.2986, 0.2632



42.7765, 0.3199, 0.2847



11.1955, 0.3082, 0.3058



5.8408, 0.2335, 0.1060



0.3430, 0.2508, 0.1155

Inverse Universe

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



41.8552, 0.3393, 0.3103



63.4871, 0.3471, 0.3057



53.6837, 0.3062, 0.3777



11.2788, 0.3235, 0.3207



8.3980, 0.5529, 0.2819



0.4476, 0.4985, 0.2520

Previews

White Background



This preview shows how the Yxy color 41.0191, 0.3017, 0.2762 looks on a white background.

Color Contrast Check

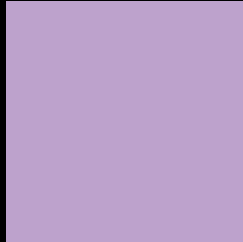
Large Text (above 18pt) WCAG AA × Fail

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 41.0191, 0.3017, 0.2762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

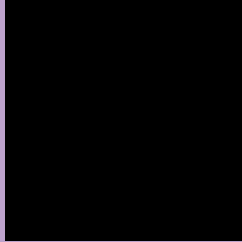
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0191, 0.3017, 0.2762

Background



This preview shows how black text looks on a background with the Yxy color 41.0191, 0.3017, 0.2762.



This preview shows how white text looks on a background with the Yxy color 41.0191, 0.3017, 0.2762.

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

41.0191, 0.3017, 0.2762

Protanopia

41.1891, 0.2758, 0.2763

Deuteranopia

41.2013, 0.2889, 0.2833



Tritanopia

40.8414, 0.3191, 0.3119

Trichromacy



Original Color

41.0191, 0.3017, 0.2762

Protanomaly

40.9622, 0.2842, 0.2758

Deuteranomaly

41.1679, 0.2939, 0.2813

Tritanomaly

40.9802, 0.3123, 0.2991

Monochromacy



Original Color

41.0191, 0.3017, 0.2762

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.9979, 0.3084, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0191, 0.3017, 0.2762 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(189, 162, 204)` looks like.

```
.text, #text, p{  
    color:rgb(189, 162, 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(189, 162, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 162, 204) }
```

Border

The CSS property to change the border of an element to Yxy 41.0191, 0.3017, 0.2762 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(189, 162, 204) }
```

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

```
.border{ border-color:rgb(189, 162, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 162, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 162, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 162, 204);  
box-shadow:4px 4px 4px 4px rgb(189, 162,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0191, 0.3017, 0.2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 162, 204) }
```

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

```
.background{ background-color: rgb(189,  
162, 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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