

Converting Colors

Yxy(37.1214, 0.2620, 0.2059)

Have a look what the booklet for
Yxy(37.1214, 0.2620, 0.2059)
contains.

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Color

Yxy(37.1019, 0.2617, 0.2059)

Conversions

Conversions Part 1

Format	Color
Hex	B890FB
RGB	184, 144, 251
RGB Percent	72%, 56%, 98%
CMY	0.2783, 0.4353, 0.0157
CMYK	0.27, 0.43, 0.00, 0.02
HSL	262°, 93%, 77%
HSV	262°, 43%, 98%
XYZ	47.1567, 37.1019, 95.9352
YIQ	168.1580, -10.5070, 41.7570

Conversions

Conversions Part 2

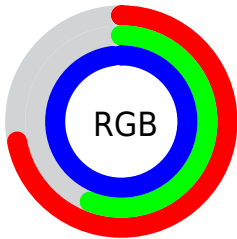
Format	Color
RYB	184, 144, 251
Decimal	12095739
CIELab	67.35, 36.54, -48.02
CIElCh	67, 60.347, 307.271
Yxy	37.1019, 0.2617, 0.2059
Android (android.graphics.Color)	4290285819 (0xFFB890FB)
YUV	168.1580, 40.8411, 13.8934
Hunter-Lab	60.9113, 31.5974, -50.7437

Details

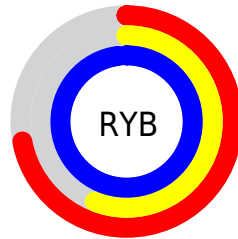
The Yxy color $37.1019, 0.2617, 0.2059$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $84.8448, 0.3485, 0.4454$, and the grayscale version is $39.0410, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.4854, 0.3058, 0.2715$, and $16.3129, 0.2455, 0.1776$ is the 20% darker color. If you saturate the color by 10%, you get $28.4935, 0.2462, 0.1744$, and if you desaturate by 10%, it is $47.6185, 0.2761, 0.2375$.

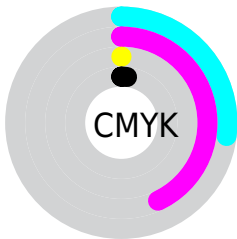
Distribution



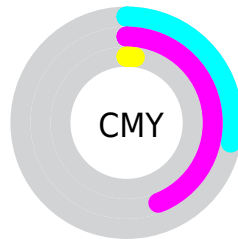
- Red (72%)
- Green (56%)
- Blue (98%)



- Red (72%)
- Yellow (56%)
- Blue (98%)



- Cyan (27%)
- Magenta (43%)
- Yellow (0%)
- Black (2%)





- Cyan (28%)
- Magenta (44%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1019, 0.2617, 0.2059 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 37.1019, 0.2617, 0.2059 by changing the saturation by 10% instead.

 37.1019, 0.2617,
0.2059


 37.1019, 0.2617,
0.2059


333.7515, 0.2887,
0.2632

 25.2864, 0.2548,
0.1931


 70.7295, 0.2717,
0.2256

 16.2906, 0.2459,
0.1775


 93.3103, 0.2754,
0.2334

 9.7300, 0.2341,
0.1583


120.2485, 0.2785,
0.2401

 5.2203, 0.2181,
0.1343

151.9282, 0.2812,
0.2459

 2.3771, 0.1952,
0.1041

188.7340, 0.2834,
0.2510

 0.8141, 0.1617,
0.0670

231.0502, 0.2854,

 0.0000, 0.1117,

0.2555

0.0000

279.2612, 0.2872,
0.2596

0.0000, 0.0000,
0.0000

37.1019, 0.2617,
0.2059

37.1019, 0.2617,
0.2059

28.4935, 0.2462,
0.1744

47.6185, 0.2761,
0.2375

21.6686, 0.2301,
0.1447

60.1484, 0.2891,
0.2679

16.4941, 0.2143,
0.1185

74.7942, 0.3005,
0.2964

12.8155, 0.1995,
0.0975

91.6501, 0.3104,
0.3226

10.4466, 0.1867,
0.0829

99.7445, 0.3150,
0.3328

■ 9.3398, 0.1786,
0.0758

Harmonies

Analogous

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



37.1019, 0.1982, 0.1958



37.1019, 0.2617, 0.2059



37.1019, 0.3508, 0.2396

Triad

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



37.1019, 0.2617, 0.2059



37.1019, 0.4786, 0.4170



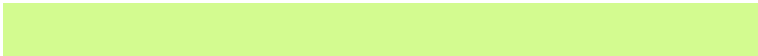
37.1019, 0.1950, 0.3544

Complementary

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



37.1019, 0.2617, 0.2059



84.8448, 0.3485, 0.4454

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.



37.1019, 0.2591, 0.4517



37.1019, 0.2617, 0.2059



37.1019, 0.4229, 0.4745

Square

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



37.1019, 0.2617, 0.2059



37.1019, 0.4882, 0.3526



37.1019, 0.3427, 0.4974



37.1019, 0.1641, 0.2655

Rectangle

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



37.1019, 0.2617, 0.2059



37.1019, 0.4125, 0.2725



37.1019, 0.3427, 0.4974



37.1019, 0.2130, 0.3887

Sweetspot

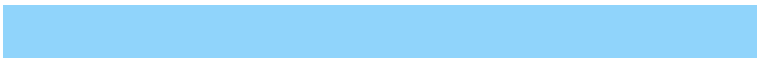
The Sweet Spot groups the original color and five complimentary colors.



37.1033, 0.2617, 0.2059



76.9184, 0.3001, 0.2954



59.8599, 0.2468, 0.2819



15.7084, 0.2977, 0.2893



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.



37.1033, 0.2617, 0.2059



30.8288, 0.2487, 0.1794



44.8665, 0.3054, 0.2202



16.9593, 0.3038, 0.3049



4.9859, 0.1803, 0.0767



0.5201, 0.1934, 0.0839

Inverse Universe

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



45.1533, 0.3540, 0.2599



40.3872, 0.3657, 0.2472



78.2981, 0.3146, 0.4588



17.4080, 0.3196, 0.3143



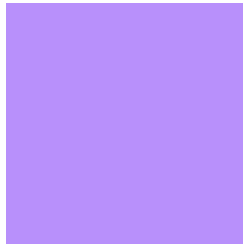
12.0907, 0.4438, 0.2218



1.1403, 0.4251, 0.2116

Previews

White Background



This preview shows how the Yxy color 37.1019, 0.2617, 0.2059 looks on a white background.

Color Contrast Check

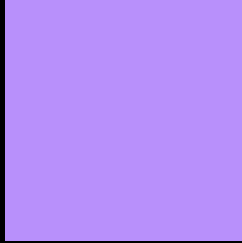
Large Text (above 18pt) WCAG AA × Fail

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 37.1019, 0.2617, 0.2059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

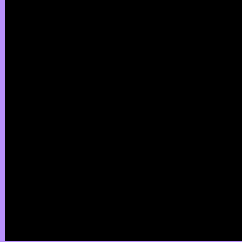
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1019, 0.2617, 0.2059

Background



This preview shows how black text looks on a background with the Yxy color 37.1019, 0.2617, 0.2059.



This preview shows how white text looks on a background with the Yxy color 37.1019, 0.2617, 0.2059.

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

37.1019, 0.2617, 0.2059

Protanopia

37.3769, 0.2252, 0.2112

Deuteranopia

37.2698, 0.2272, 0.2208



Tritanopia

37.0918, 0.3098, 0.3109

Trichromacy



Original Color

37.1019, 0.2617, 0.2059

Protanomaly

36.9880, 0.2364, 0.2082

Deuteranomaly

36.6652, 0.2378, 0.2143

Tritanomaly

36.8209, 0.2908, 0.2673

Monochromacy



Original Color

37.1019, 0.2617, 0.2059

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.8722, 0.2933, 0.2774

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1019, 0.2617, 0.2059 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(184, 144, 251)` looks like.

```
.text, #text, p{  
    color:rgb(184, 144, 251)  
}
```

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(184, 144, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 144, 251) }
```

Border

The CSS property to change the border of an element to Yxy 37.1019, 0.2617, 0.2059 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(184, 144, 251) }
```

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

```
.border{ border-color:rgb(184, 144, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 144, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 144, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 144, 251);  
box-shadow:4px 4px 4px 4px rgb(184, 144,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1019, 0.2617, 0.2059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 144, 251) }
```

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

```
.background{ background-color: rgb(184,  
144, 251) }
```

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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