

Converting Colors

$Y_{xy}(37.1839, 0.2753, 0.2158)$

Have a look what the booklet for
Yxy(37.1839, 0.2753, 0.2158)
contains.

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Color

Yxy(37.2023, 0.2749, 0.2156)

Conversions

Conversions Part 1

Format	Color
Hex	C08FF1
RGB	192, 143, 241
RGB Percent	75%, 56%, 95%
CMY	0.2472, 0.4392, 0.0548
CMYK	0.20, 0.41, 0.00, 0.05
HSL	270°, 78%, 75%
HSV	270°, 41%, 95%
XYZ	47.4347, 37.2023, 87.9155
YIQ	168.8230, -2.2540, 40.8660

Conversions

Conversions Part 2

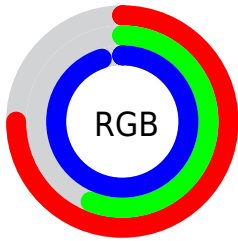
Format	Color
RYB	192, 143, 241
Decimal	12619761
CIELab	67.43, 37.00, -42.39
CIELCh	67, 56.268, 311.111
Yxy	37.2023, 0.2749, 0.2156
Android (android.graphics.Color)	4290809841 (0xFFC08FF1)
YUV	168.8230, 35.5833, 20.3262
Hunter-Lab	60.9937, 32.0801, -42.7642

Details

The Yxy color **37.2023, 0.2749, 0.2156** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **76.1209, 0.3384, 0.4428**, and the grayscale version is **39.4064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4765, 0.3117, 0.2716**, and **16.4333, 0.2634, 0.1899** is the 20% darker color. If you saturate the color by 10%, you get **29.2171, 0.2625, 0.1859**, and if you desaturate by 10%, it is **46.8739, 0.2862, 0.2455**.

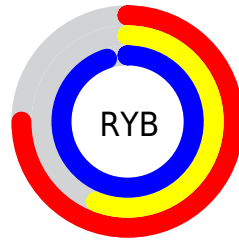
Distribution



Red (75%)

Green (56%)

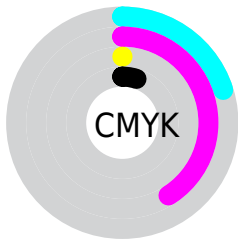
Blue (95%)



Red (75%)

Yellow (56%)

Blue (95%)

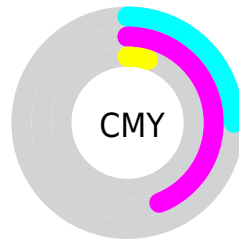


Cyan (20%)

Magenta (41%)

Yellow (0%)

Black (5%)



Cyan (25%)


Magenta (44%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.2023, 0.2749, 0.2156 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 37.2023, 0.2749, 0.2156 by changing the saturation by 10% instead.


 37.2023, 0.2749,
0.2156


 37.2023, 0.2749,
0.2156


334.1855, 0.2954,
0.2689

 25.3642, 0.2695,
0.2035


 70.8838, 0.2826,
0.2341

 16.3486, 0.2624,
0.1887


 93.4960, 0.2854,
0.2413

 9.7712, 0.2529,
0.1702


120.4683, 0.2878,
0.2475

 5.2475, 0.2396,
0.1467

152.1851, 0.2898,
0.2529

 2.3932, 0.2199,
0.1166

189.0308, 0.2915,
0.2576

 0.8224, 0.1895,
0.0780

231.3899, 0.2930,

 0.0000, 0.1417,

0.2618

0.0000

279.6467, 0.2943,
0.2655

0.0000, 0.0000,
0.0000

37.2023, 0.2749,
0.2156

37.2023, 0.2749,
0.2156

29.2171, 0.2625,
0.1859

46.8739, 0.2862,
0.2455

22.8104, 0.2494,
0.1577

58.3221, 0.2962,
0.2746

17.8680, 0.2360,
0.1327

71.6356, 0.3048,
0.3020

14.2582, 0.2230,
0.1122

86.8959, 0.3123,
0.3274

11.8238, 0.2108,
0.0972

98.6203, 0.3191,
0.3425

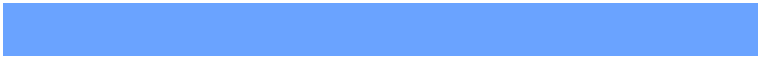
■ 10.3740, 0.2006,
0.0879

■ 99.1321, 0.3208,
0.3424

Harmonies

Analogous

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



37.2023, 0.2110, 0.2031



37.2023, 0.2749, 0.2156



37.2023, 0.3600, 0.2503

Triad

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



37.2023, 0.2749, 0.2156



37.2023, 0.4643, 0.4211



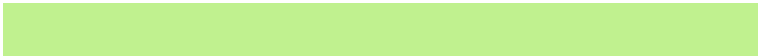
37.2023, 0.1967, 0.3412

Complementary

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



37.2023, 0.2749, 0.2156



76.1209, 0.3384, 0.4428

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.



37.2023, 0.2541, 0.4323



37.2023, 0.2749, 0.2156



37.2023, 0.4087, 0.4713

Square

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



37.2023, 0.2749, 0.2156



37.2023, 0.4787, 0.3605



37.2023, 0.3318, 0.4835



37.2023, 0.1710, 0.2621

Rectangle

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



37.2023, 0.2749, 0.2156



37.2023, 0.4159, 0.2829



37.2023, 0.3318, 0.4835



37.2023, 0.2125, 0.3725

Sweetspot

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



37.2038, 0.2749, 0.2156



79.2170, 0.3037, 0.2984



50.6210, 0.2475, 0.2698



16.5132, 0.3026, 0.2948



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.



37.2038, 0.2749, 0.2156



34.4663, 0.2645, 0.1903



44.4191, 0.3160, 0.2285



15.6166, 0.3058, 0.3051



5.7047, 0.2023, 0.0888



0.5337, 0.2165, 0.0966

Inverse Universe

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



42.1617, 0.3638, 0.2757



41.0702, 0.3796, 0.2651



70.8941, 0.3078, 0.4542



15.8908, 0.3215, 0.3172



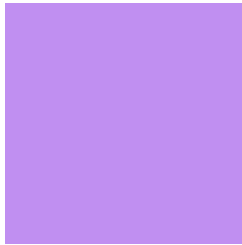
10.9117, 0.4956, 0.2504



0.9278, 0.4664, 0.2343

Previews

White Background



This preview shows how the Yxy color 37.2023, 0.2749, 0.2156 looks on a white background.

Color Contrast Check

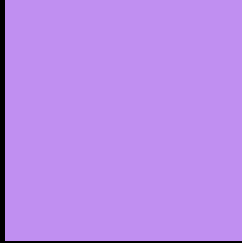
Large Text (above 18pt) WCAG AA × Fail

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 37.2023, 0.2749, 0.2156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

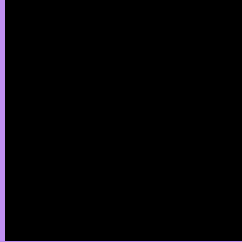
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2023, 0.2749, 0.2156

Background



This preview shows how black text looks on a background with the Yxy color 37.2023, 0.2749, 0.2156.



This preview shows how white text looks on a background with the Yxy color 37.2023, 0.2749, 0.2156.

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

37.2023, 0.2749, 0.2156

Protanopia

37.4556, 0.2258, 0.2114

Deuteranopia

37.5431, 0.2387, 0.2326



Tritanopia

37.0973, 0.3223, 0.3113

Trichromacy



Original Color

37.2023, 0.2749, 0.2156



Protanomaly

36.7856, 0.2410, 0.2113



Deuteranomaly

37.0179, 0.2503, 0.2258



Tritanomaly

36.9583, 0.3040, 0.2732

Monochromacy



Original Color

37.2023, 0.2749, 0.2156



Achromatopsia

39.6755, 0.3127, 0.3290



Achromatomaly

38.4289, 0.2984, 0.2828

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2023, 0.2749, 0.2156 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, 143, 241)` looks like.

```
.text, #text, p{  
    color:rgb(192, 143, 241)  
}
```

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, 143, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 143, 241) }
```

Border

The CSS property to change the border of an element to Yxy 37.2023, 0.2749, 0.2156 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, 143, 241) }
```

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

```
.border{ border-color:rgb(192, 143, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 143, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 143, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 143, 241);  
box-shadow:4px 4px 4px 4px rgb(192, 143,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2023, 0.2749, 0.2156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 143, 241) }
```

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

```
.background{ background-color: rgb(192,  
143, 241) }
```

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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