

Converting Colors

$Y_{xy}(41.6640, 0.2715, 0.2243)$

Have a look what the booklet for
Yxy(41.6640, 0.2715, 0.2243)
contains.

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Color

Yxy(41.6988, 0.2718, 0.2248)

Conversions

Conversions Part 1

Format	Color
Hex	C09CF7
RGB	192, 156, 247
RGB Percent	75%, 61%, 97%
CMY	0.2470, 0.3882, 0.0314
CMYK	0.22, 0.37, 0.00, 0.03
HSL	264°, 85%, 79%
HSV	264°, 37%, 97%
XYZ	50.4170, 41.6988, 93.3771
YIQ	177.1380, -7.7550, 35.9330

Conversions

Conversions Part 2

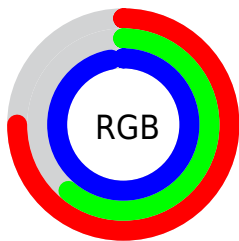
Format	Color
RYB	192, 156, 247
Decimal	12623095
CIELab	70.66, 31.20, -40.60
CIELCh	71, 51.201, 307.543
Yxy	41.6988, 0.2718, 0.2248
Android (android.graphics.Color)	4290813175 (0xFFC09CF7)
YUV	177.1380, 34.4420, 13.0340
Hunter-Lab	64.5746, 26.3593, -40.5332

Details

The Yxy color **41.6988, 0.2718, 0.2248** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **82.7589, 0.3429, 0.4292**, and the grayscale version is **43.8632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1325, 0.3112, 0.2856**, and **18.9367, 0.2597, 0.2002** is the 20% darker color. If you saturate the color by 10%, you get **32.3869, 0.2574, 0.1934**, and if you desaturate by 10%, it is **52.8967, 0.2849, 0.2556**.

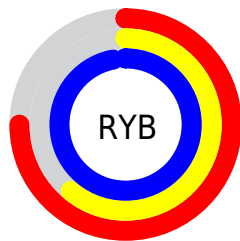
Distribution



Red (75%)

Green (61%)

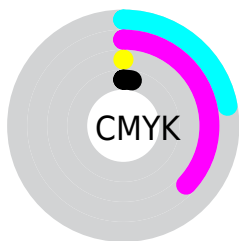
Blue (97%)



Red (75%)

Yellow (61%)

Blue (97%)

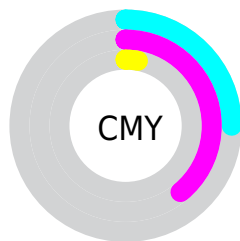


Cyan (22%)

Magenta (37%)

Yellow (0%)

Black (3%)



Cyan (25%)


Magenta (39%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6988, 0.2718, 0.2248 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 41.6988, 0.2718, 0.2248 by changing the saturation by 10% instead.


 41.6988, 0.2718,
0.2248


 41.6988, 0.2718,
0.2248


353.2328, 0.2932,
0.2735

 28.8655, 0.2664,
0.2138


 77.7436, 0.2797,
0.2416

 18.9791, 0.2593,
0.2003


 101.7238, 0.2826,
0.2482

 11.6552, 0.2501,
0.1834


130.1886, 0.2851,
0.2539

 6.5093, 0.2373,
0.1620

163.5221, 0.2872,
0.2588

 3.1572, 0.2189,
0.1341

202.1090, 0.2890,
0.2631

 1.2143, 0.1911,
0.0978

246.3334, 0.2906,

 0.0734, 0.1528,

0.2670

0.0135

296.5799, 0.2920,
0.2704

0.0000, 0.0000,
0.0000

41.6988, 0.2718,
0.2248

41.6988, 0.2718,
0.2248

32.3869, 0.2574,
0.1934

52.8967, 0.2849,
0.2556

24.8472, 0.2420,
0.1628

66.0753, 0.2966,
0.2848

18.9615, 0.2264,
0.1347

81.3289, 0.3067,
0.3119

14.5938, 0.2112,
0.1108

98.7440, 0.3153,
0.3365

11.5859, 0.1973,
0.0925

99.4947, 0.3174,
0.3367

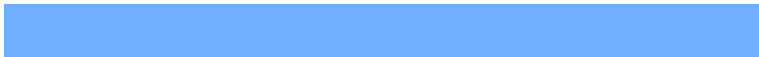
■ 9.7379, 0.1854,
0.0806

■ 9.2991, 0.1821,
0.0777

Harmonies

Analogous

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



41.6988, 0.2170, 0.2164



41.6988, 0.2718, 0.2248



41.6988, 0.3455, 0.2542

Triad

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



41.6988, 0.2718, 0.2248



41.6988, 0.4512, 0.4073



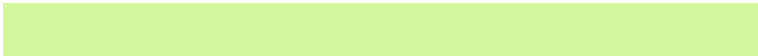
41.6988, 0.2148, 0.3502

Complementary

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



41.6988, 0.2718, 0.2248



82.7589, 0.3429, 0.4292

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.



41.6988, 0.2696, 0.4259



41.6988, 0.2718, 0.2248



41.6988, 0.4066, 0.4518

Square

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



41.6988, 0.2718, 0.2248



41.6988, 0.4570, 0.3528



41.6988, 0.3399, 0.4646



41.6988, 0.1871, 0.2781

Rectangle

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



41.6988, 0.2718, 0.2248



41.6988, 0.3952, 0.2829



41.6988, 0.3399, 0.4646



41.6988, 0.2304, 0.3770

Sweetspot

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



41.7005, 0.2718, 0.2248



80.3174, 0.3026, 0.3009



60.9242, 0.2552, 0.2875



16.7136, 0.3012, 0.2972



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.



41.7005, 0.2718, 0.2248



37.3972, 0.2615, 0.2021



48.3881, 0.3081, 0.2352



16.2467, 0.3041, 0.3050



4.9953, 0.1838, 0.0786



0.4969, 0.1976, 0.0862

Inverse Universe

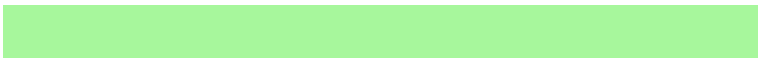
The Inverse Universe completely reimagines the original color for something new.



48.2502, 0.3485, 0.2712



45.5271, 0.3583, 0.2600



77.0884, 0.3138, 0.4389



16.6507, 0.3199, 0.3148



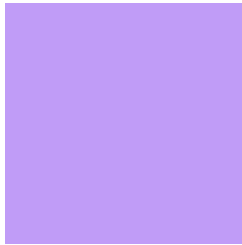
11.6379, 0.4524, 0.2266



1.0431, 0.4314, 0.2150

Previews

White Background



This preview shows how the Yxy color 41.6988, 0.2718, 0.2248 looks on a white background.

Color Contrast Check

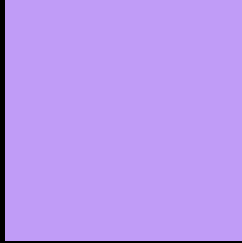
Large Text (above 18pt) WCAG AA × Fail

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 41.6988, 0.2718, 0.2248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

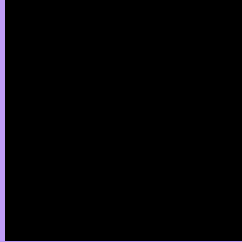
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6988, 0.2718, 0.2248

Background



This preview shows how black text looks on a background with the Yxy color 41.6988, 0.2718, 0.2248.



This preview shows how white text looks on a background with the Yxy color 41.6988, 0.2718, 0.2248.

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

41.6988, 0.2718, 0.2248

Protanopia

41.8987, 0.2359, 0.2250

Deuteranopia

41.9534, 0.2443, 0.2377



Tritanopia

41.6186, 0.3118, 0.3105

Trichromacy



Original Color

41.6988, 0.2718, 0.2248

Protanomaly

41.5156, 0.2472, 0.2245

Deuteranomaly

41.7575, 0.2534, 0.2330

Tritanomaly

41.3214, 0.2966, 0.2759

Monochromacy



Original Color

41.6988, 0.2718, 0.2248

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.5853, 0.2972, 0.2868

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6988, 0.2718, 0.2248 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, 156, 247)` looks like.

```
.text, #text, p{  
    color:rgb(192, 156, 247)  
}
```

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, 156, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 156, 247) }
```

Border

The CSS property to change the border of an element to Yxy 41.6988, 0.2718, 0.2248 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, 156, 247) }
```

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

```
.border{ border-color:rgb(192, 156, 247) }
```

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

Here you see how a box with a 4 pixel rgb(192, 156, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 156, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 156, 247);  
box-shadow:4px 4px 4px 4px rgb(192, 156,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6988, 0.2718, 0.2248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 156, 247) }
```

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

```
.background{ background-color: rgb(192,  
156, 247) }
```

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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