

Converting Colors

$Yxy(36.7705, 0.2782, 0.2672)$

Have a look what the booklet for
Yxy(36.7705, 0.2782, 0.2672)
contains.

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Color

Yxy(36.8854, 0.2775, 0.2672)

Conversions

Conversions Part 1

Format	Color
Hex	A29FCD
RGB	162, 159, 205
RGB Percent	64%, 62%, 80%
CMY	0.3649, 0.3764, 0.1961
CMYK	0.21, 0.22, 0.00, 0.20
HSL	244°, 31%, 71%
HSV	244°, 22%, 80%
XYZ	38.3073, 36.8854, 62.8515
YIQ	165.1410, -12.9780, 14.9420

Conversions

Conversions Part 2

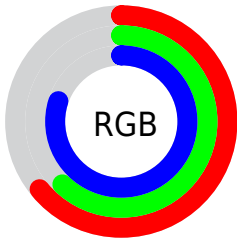
Format	Color
RYB	162, 159, 205
Decimal	10657741
CIELab	67.19, 10.75, -23.09
CIELCh	67, 25.473, 294.964
Yxy	36.8854, 0.2775, 0.2672
Android (android.graphics.Color)	4288847821 (0xFFA29FCD)
YUV	165.1410, 19.6505, -2.7547
Hunter-Lab	60.7334, 6.3046, -18.8445

Details

The Yxy color **36.8854, 0.2775, 0.2672** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.7292, 0.3439, 0.3849**, and the grayscale version is **37.6035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0648, 0.2884, 0.2858**, and **16.2745, 0.2667, 0.2498** is the 20% darker color. If you saturate the color by 10%, you get **28.5518, 0.2587, 0.2348**, and if you desaturate by 10%, it is **46.6981, 0.2944, 0.2968**.

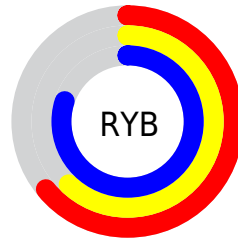
Distribution



Red (64%)

Green (62%)

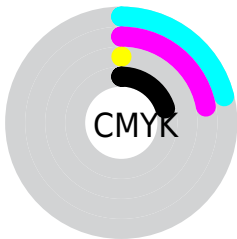
Blue (80%)



Red (64%)

Yellow (62%)

Blue (80%)

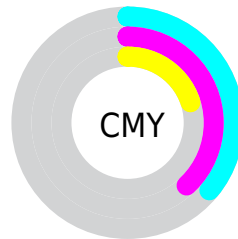


Cyan (21%)

Magenta (22%)

Yellow (0%)

Black (20%)



Cyan (36%)


Magenta (38%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.8854, 0.2775, 0.2672 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 36.8854, 0.2775, 0.2672 by changing the saturation by 10% instead.


 36.8854, 0.2775,
0.2672


 36.8854, 0.2775,
0.2672

332.8141, 0.2958,
0.2982

 25.1188, 0.2727,
0.2595


 70.3965, 0.2843,
0.2785

 16.1656, 0.2665,
0.2496


 92.9098, 0.2868,
0.2827

 9.6414, 0.2580,
0.2366


119.7740, 0.2889,
0.2863

 5.1618, 0.2460,
0.2187

151.3737, 0.2907,
0.2893

 2.3425, 0.2275,
0.1926

188.0931, 0.2923,
0.2920

 0.7961, 0.1968,
0.1518

230.3167, 0.2936,

 0.0000, 0.0000,

0.2943

0.0000

278.4289, 0.2948,
0.2964

■ 36.8854, 0.2775,
0.2672

■ 36.8854, 0.2775,
0.2672

■ 28.5518, 0.2587,
0.2348

■ 46.6981, 0.2944,
0.2968

■ 21.6212, 0.2385,
0.2003

■ 58.0521, 0.3094,
0.3231

■ 16.0179, 0.2178,
0.1654

■ 71.0113, 0.3224,
0.3462

■ 11.6569, 0.1977,
0.1322

■ 85.6348, 0.3336,
0.3663

■ 8.4435, 0.1798,
0.1033

■ 97.1873, 0.3424,
0.3780

■ 6.2691, 0.1656,
0.0810

■ 5.0046, 0.1560,
0.0669

■ 4.4929, 0.1517,
0.0610

Harmonies

Analogous

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



36.8854, 0.2516, 0.2697



36.8854, 0.2775, 0.2672



36.8854, 0.3143, 0.2791

Triad

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



36.8854, 0.2775, 0.2672



36.8854, 0.3895, 0.3635



36.8854, 0.2722, 0.3570

Complementary

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



36.8854, 0.2775, 0.2672



58.7292, 0.3439, 0.3849

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.



36.8854, 0.3075, 0.3872



36.8854, 0.2775, 0.2672



36.8854, 0.3760, 0.3883

Square

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



36.8854, 0.2775, 0.2672



36.8854, 0.3810, 0.3324



36.8854, 0.3455, 0.3983



36.8854, 0.2486, 0.3194

Rectangle

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



36.8854, 0.2775, 0.2672



36.8854, 0.3405, 0.2936



36.8854, 0.3455, 0.3983



36.8854, 0.2831, 0.3686

Sweetspot

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



36.8869, 0.2775, 0.2672



86.1012, 0.3027, 0.3112



54.3473, 0.2795, 0.3259



18.1858, 0.3018, 0.3096



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.



36.8869, 0.2775, 0.2672



53.4147, 0.2685, 0.2516



39.4401, 0.2967, 0.2705



10.8774, 0.2992, 0.3051



2.8119, 0.1522, 0.0612



0.1572, 0.1597, 0.0653

Inverse Universe

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



42.0503, 0.3178, 0.2770



63.3831, 0.3191, 0.2655



55.8305, 0.3258, 0.3883



11.3910, 0.3147, 0.3076



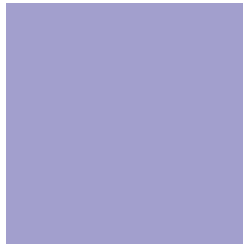
10.4547, 0.3373, 0.1632



0.5431, 0.3338, 0.1613

Previews

White Background



This preview shows how the Yxy color 36.8854, 0.2775, 0.2672 looks on a white background.

Color Contrast Check

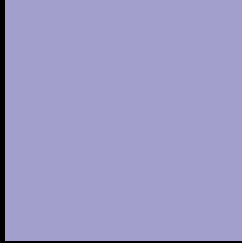
Large Text (above 18pt) WCAG AA × Fail

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 36.8854, 0.2775, 0.2672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

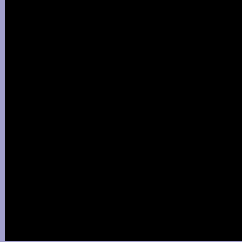
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8854, 0.2775, 0.2672

Background



This preview shows how black text looks on a background with the Yxy color 36.8854, 0.2775, 0.2672.



This preview shows how white text looks on a background with the Yxy color 36.8854, 0.2775, 0.2672.

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

36.8854, 0.2775, 0.2672

Protanopia

37.0211, 0.2683, 0.2675

Deuteranopia

36.8185, 0.2743, 0.2680



Tritanopia

36.8933, 0.2954, 0.3104

Trichromacy



Original Color

36.8854, 0.2775, 0.2672

Protanomaly

37.0139, 0.2721, 0.2679

Deuteranomaly

36.9203, 0.2752, 0.2681

Tritanomaly

36.7994, 0.2890, 0.2939

Monochromacy



Original Color

36.8854, 0.2775, 0.2672

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.3822, 0.2992, 0.3052

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8854, 0.2775, 0.2672 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(162, 159, 205)` looks like.

```
.text, #text, p{  
    color:rgb(162, 159, 205)  
}
```

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(162, 159, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 159, 205) }
```

Border

The CSS property to change the border of an element to Yxy 36.8854, 0.2775, 0.2672 is called "border". The border property can be set on classes, ids or directly on the HTML element.

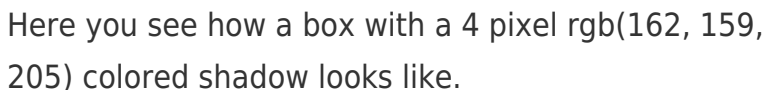
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 159, 205) }
```

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

```
.border{ border-color:rgb(162, 159, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(162, 159, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 159, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 159, 205);  
box-shadow:4px 4px 4px 4px rgb(162, 159,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8854, 0.2775, 0.2672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 159, 205) }
```

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

```
.background{ background-color: rgb(162,  
159, 205) }
```

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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