

Converting Colors

$Y_{xy}(35.5055, 0.2825, 0.2624)$

Have a look what the booklet for
Yxy(35.5055, 0.2825, 0.2624)
contains.

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Color

Yxy(35.6385, 0.2829, 0.2635)

Conversions

Conversions Part 1

Format	Color
Hex	A79ACB
RGB	167, 154, 203
RGB Percent	65%, 60%, 80%
CMY	0.3453, 0.3960, 0.2040
CMYK	0.18, 0.24, 0.00, 0.20
HSL	256°, 32%, 70%
HSV	256°, 24%, 80%
XYZ	38.2624, 35.6385, 61.3496
YIQ	163.4730, -7.9810, 17.9950

Conversions

Conversions Part 2

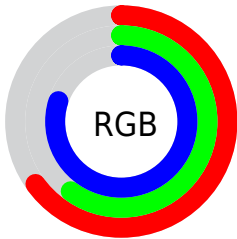
Format	Color
RYB	167, 154, 203
Decimal	10984139
CIELab	66.24, 14.69, -23.39
CIELCh	66, 27.623, 302.136
Yxy	35.6385, 0.2829, 0.2635
Android (android.graphics.Color)	4289174219 (0xFFA79ACB)
YUV	163.4730, 19.4868, 3.0932
Hunter-Lab	59.6980, 9.9349, -19.1417

Details

The Yxy color **35.6385, 0.2829, 0.2635** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.9897, 0.3381, 0.3908**, and the grayscale version is **36.7682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0197, 0.2923, 0.2799**, and **15.4478, 0.2725, 0.2445** is the 20% darker color. If you saturate the color by 10%, you get **27.9622, 0.2677, 0.2323**, and if you desaturate by 10%, it is **44.6386, 0.2965, 0.2925**.

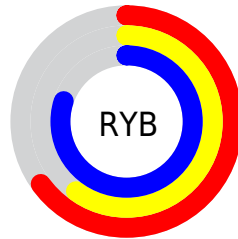
Distribution



Red (65%)

Green (60%)

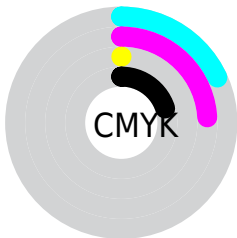
Blue (80%)



Red (65%)

Yellow (60%)

Blue (80%)

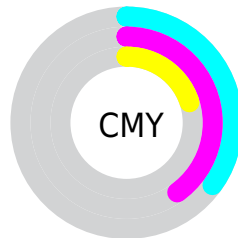


Cyan (18%)

Magenta (24%)

Yellow (0%)

Black (20%)



Cyan (35%)

Magenta (40%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6385, 0.2829, 0.2635 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 35.6385, 0.2829, 0.2635 by changing the saturation by 10% instead.


 35.6385, 0.2829,
0.2635


 35.6385, 0.2829,
0.2635


327.3777, 0.2987,
0.2963

 24.1551, 0.2787,
0.2554


 68.4737, 0.2888,
0.2754

 15.4487, 0.2732,
0.2449


 90.5944, 0.2910,
0.2799

 9.1349, 0.2656,
0.2312


117.0296, 0.2928,
0.2837

 4.8293, 0.2547,
0.2123

148.1638, 0.2943,
0.2869

 2.1475, 0.2376,
0.1849

184.3812, 0.2957,
0.2897

 0.6911, 0.2088,
0.1404

226.0665, 0.2968,

 0.0000, 0.0000,

0.2922

0.0000

273.6038, 0.2978,
0.2944

■ 35.6385, 0.2829,
0.2635

■ 35.6385, 0.2829,
0.2635

■ 27.9622, 0.2677,
0.2323

■ 44.6386, 0.2965,
0.2925

■ 21.5419, 0.2510,
0.1998

■ 55.0170, 0.3083,
0.3189

■ 16.3105, 0.2333,
0.1673

■ 66.8307, 0.3185,
0.3426

■ 12.1927, 0.2155,
0.1366

■ 80.1320, 0.3272,
0.3635

■ 9.1043, 0.1986,
0.1098

■ 94.6434, 0.3347,
0.3815

■ 6.9486, 0.1835,
0.0886

■ 97.0909, 0.3436,
0.3800

■ 5.6096, 0.1713,
0.0744

■ 5.0849, 0.1655,
0.0685

Harmonies

Analogous

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



35.6385, 0.2513, 0.2621



35.6385, 0.2829, 0.2635



35.6385, 0.3247, 0.2797

Triad

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



35.6385, 0.2829, 0.2635



35.6385, 0.3955, 0.3737



35.6385, 0.2608, 0.3499

Complementary

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



35.6385, 0.2829, 0.2635



55.9897, 0.3381, 0.3908

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.



35.6385, 0.2968, 0.3869



35.6385, 0.2829, 0.2635



35.6385, 0.3752, 0.3983

Square

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



35.6385, 0.2829, 0.2635



35.6385, 0.3922, 0.3407



35.6385, 0.3388, 0.4047



35.6385, 0.2392, 0.3088

Rectangle

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



35.6385, 0.2829, 0.2635



35.6385, 0.3529, 0.2971



35.6385, 0.3388, 0.4047



35.6385, 0.2715, 0.3635

Sweetspot

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



35.6400, 0.2829, 0.2635



86.7288, 0.3050, 0.3114



48.3318, 0.2761, 0.3127



18.3307, 0.3043, 0.3098



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.



35.6400, 0.2829, 0.2635



52.6484, 0.2751, 0.2473



38.4720, 0.3042, 0.2675



10.9849, 0.3023, 0.3053



3.2748, 0.1667, 0.0692



0.2068, 0.1879, 0.0809

Inverse Universe

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



39.5319, 0.3272, 0.2844



60.3530, 0.3312, 0.2744



53.1719, 0.3189, 0.3947



11.3512, 0.3177, 0.3121



9.4841, 0.4006, 0.1981



0.5014, 0.3817, 0.1876

Previews

White Background



This preview shows how the Yxy color 35.6385, 0.2829, 0.2635 looks on a white background.

Color Contrast Check

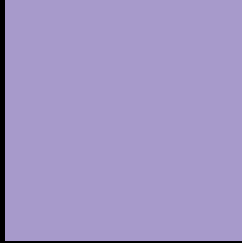
Large Text (above 18pt) WCAG AA × Fail

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 35.6385, 0.2829, 0.2635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

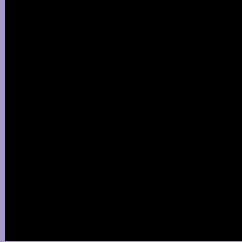
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6385, 0.2829, 0.2635

Background



This preview shows how black text looks on a background with the Yxy color 35.6385, 0.2829, 0.2635.



This preview shows how white text looks on a background with the Yxy color 35.6385, 0.2829, 0.2635.

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

35.6385, 0.2829, 0.2635

Protanopia

35.6908, 0.2656, 0.2629

Deuteranopia

35.6866, 0.2738, 0.2684



Tritanopia

35.8016, 0.3041, 0.3118

Trichromacy



Original Color

35.6385, 0.2829, 0.2635

Protanomaly

35.6381, 0.2716, 0.2623

Deuteranomaly

35.7491, 0.2771, 0.2676

Tritanomaly

35.7651, 0.2966, 0.2940

Monochromacy



Original Color

35.6385, 0.2829, 0.2635

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.2485, 0.3008, 0.3036

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6385, 0.2829, 0.2635 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(167, 154, 203)` looks like.

```
.text, #text, p{  
    color:rgb(167, 154, 203)  
}
```

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(167, 154, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 154, 203) }
```

Border

The CSS property to change the border of an element to Yxy 35.6385, 0.2829, 0.2635 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(167, 154, 203) }
```

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

```
.border{ border-color:rgb(167, 154, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 154, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 154, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 154, 203);  
box-shadow:4px 4px 4px 4px rgb(167, 154,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6385, 0.2829, 0.2635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 154, 203) }
```

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

```
.background{ background-color: rgb(167,  
154, 203) }
```

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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