

Converting Colors

Yxy(34.6067, 0.2791, 0.2427)

Have a look what the booklet for
Yxy(34.6067, 0.2791, 0.2427)
contains.

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Color

Yxy(34.6067, 0.2791, 0.2427)

Conversions

Conversions Part 1

Format	Color
Hex	AD93D6
RGB	173, 147, 214
RGB Percent	68%, 58%, 84%
CMY	0.3217, 0.4235, 0.1609
CMYK	0.19, 0.31, 0.00, 0.16
HSL	263°, 45%, 71%
HSV	263°, 31%, 84%
XYZ	39.7970, 34.6067, 68.1867
YIQ	162.4120, -6.0110, 26.3490

Conversions

Conversions Part 2

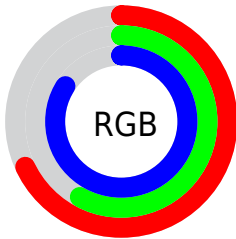
Format	Color
R _Y B	173, 147, 214
Decimal	11375574
CIE Lab	65.44, 23.02, -30.69
CIE LCh	65, 38.367, 306.868
Yxy	34.6067, 0.2791, 0.2427
Android (android.graphics.Color)	4289565654 (0xFFAD93D6)
YUV	162.4120, 25.4329, 9.2857
Hunter-Lab	58.8275, 17.8079, -27.5437

Details

The Yxy color **34.6067, 0.2791, 0.2427** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **60.8859, 0.3390, 0.4123**, and the grayscale version is **36.2143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.6513, 0.2963, 0.2731**, and **14.8620, 0.2684, 0.2193** is the 20% darker color. If you saturate the color by 10%, you get **27.1384, 0.2653, 0.2117**, and if you desaturate by 10%, it is **43.4621, 0.2914, 0.2725**.

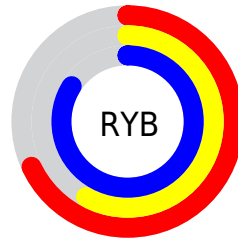
Distribution



Red (68%)

Green (58%)

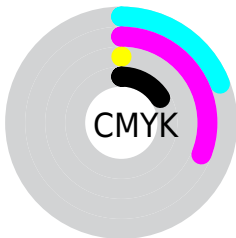
Blue (84%)



Red (68%)

Yellow (58%)

Blue (84%)

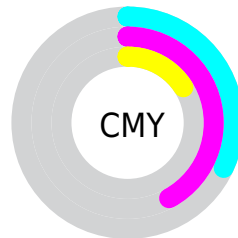


Cyan (19%)

Magenta (31%)

Yellow (0%)

Black (16%)



Cyan (32%)


Magenta (42%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6067, 0.2791, 0.2427 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 34.6067, 0.2791, 0.2427 by changing the saturation by 10% instead.


 34.6067, 0.2791,
0.2427


 34.6067, 0.2791,
0.2427


322.8289, 0.2972,
0.2852

 23.3601, 0.2743,
0.2324

 66.8760, 0.2859,
0.2579

 14.8596, 0.2679,
0.2195


 88.6675, 0.2884,
0.2637

 8.7209, 0.2591,
0.2027


114.7428, 0.2905,
0.2686

 4.5596, 0.2464,
0.1802

145.4861, 0.2923,
0.2729

 1.9913, 0.2270,
0.1491

181.2820, 0.2938,
0.2765

 0.6024, 0.1953,
0.1006

222.5149, 0.2951,

 0.0000, 0.0450,

0.2798

0.0000

269.5690, 0.2962,
0.2826


 0.0000, 0.0000,
0.0000

 34.6067, 0.2791,
0.2427

 34.6067, 0.2791,
0.2427


 27.1384, 0.2653,
0.2117


 43.4621, 0.2914,
0.2725


 20.9801, 0.2504,
0.1806


 53.7679, 0.3023,
0.3004

 16.0534, 0.2348,
0.1508


 65.5885, 0.3116,
0.3259

 12.2693, 0.2192,
0.1242


 78.9830, 0.3196,
0.3489


 9.5265, 0.2045,
0.1025

 94.0075, 0.3263,
0.3695

 7.7045, 0.1913,
0.0867

 96.9958, 0.3347,
0.3694

 6.6893, 0.1815,
0.0774

 97.6340, 0.3370,
0.3691

Harmonies

Analogous

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



34.6067, 0.2339, 0.2367



34.6067, 0.2791, 0.2427



34.6067, 0.3382, 0.2670

Triad

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



34.6067, 0.2791, 0.2427



34.6067, 0.4253, 0.3944



34.6067, 0.2344, 0.3481

Complementary

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



34.6067, 0.2791, 0.2427



60.8859, 0.3390, 0.4123

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.



34.6067, 0.2805, 0.4055



34.6067, 0.2791, 0.2427



34.6067, 0.3913, 0.4283

Square

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



34.6067, 0.2791, 0.2427



34.6067, 0.4276, 0.3498



34.6067, 0.3379, 0.4357



34.6067, 0.2100, 0.2908

Rectangle

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



34.6067, 0.2791, 0.2427



34.6067, 0.3775, 0.2911



34.6067, 0.3379, 0.4357



34.6067, 0.2477, 0.3686

Sweetspot

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



34.6081, 0.2791, 0.2427



83.6521, 0.3045, 0.3062



47.1588, 0.2641, 0.2950



17.3775, 0.3030, 0.3023



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.



34.6081, 0.2791, 0.2427



43.3966, 0.2695, 0.2208



38.8735, 0.3091, 0.2500



12.2410, 0.3041, 0.3053



4.0999, 0.1830, 0.0782



0.2943, 0.2027, 0.0890

Inverse Universe

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



38.7990, 0.3408, 0.2799



50.7811, 0.3493, 0.2685



57.1423, 0.3139, 0.4192



12.5474, 0.3196, 0.3148



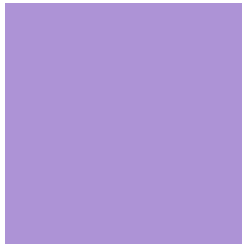
9.6537, 0.4480, 0.2242



0.5983, 0.4203, 0.2089

Previews

White Background



This preview shows how the Yxy color 34.6067, 0.2791, 0.2427 looks on a white background.

Color Contrast Check

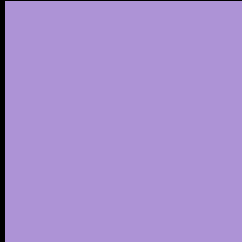
Large Text (above 18pt) WCAG AA × Fail

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 34.6067, 0.2791, 0.2427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

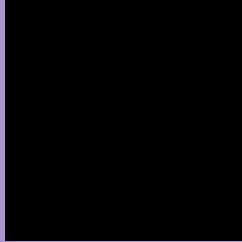
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6067, 0.2791, 0.2427

Background



This preview shows how black text looks on a background with the Yxy color 34.6067, 0.2791, 0.2427.



This preview shows how white text looks on a background with the Yxy color 34.6067, 0.2791, 0.2427.

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

34.6067, 0.2791, 0.2427

Protanopia

34.8234, 0.2486, 0.2421

Deuteranopia

34.8872, 0.2588, 0.2535



Tritanopia

34.6034, 0.3106, 0.3118

Trichromacy



Original Color

34.6067, 0.2791, 0.2427

Protanomaly

34.4237, 0.2587, 0.2420

Deuteranomaly

34.5551, 0.2653, 0.2483

Tritanomaly

34.6101, 0.2986, 0.2847

Monochromacy



Original Color

34.6067, 0.2791, 0.2427

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.5571, 0.3001, 0.2954

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6067, 0.2791, 0.2427 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(173, 147, 214)` looks like.

```
.text, #text, p{  
    color:rgb(173, 147, 214)  
}
```

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(173, 147, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 147, 214) }
```

Border

The CSS property to change the border of an element to Yxy 34.6067, 0.2791, 0.2427 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(173, 147, 214) }
```

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

```
.border{ border-color:rgb(173, 147, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 147, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 147, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 147, 214);  
box-shadow:4px 4px 4px 4px rgb(173, 147,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6067, 0.2791, 0.2427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 147, 214) }
```

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

```
.background{ background-color: rgb(173,  
147, 214) }
```

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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