

Converting Colors

Yxy(34.2497, 0.2859, 0.2513)

Have a look what the booklet for
Yxy(34.2497, 0.2859, 0.2513)
contains.

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Color

Yxy(34.3223, 0.2863, 0.2518)

Conversions

Conversions Part 1

Format	Color
Hex	AE93CE
RGB	174, 147, 206
RGB Percent	68%, 58%, 81%
CMY	0.3178, 0.4235, 0.1922
CMYK	0.16, 0.29, 0.00, 0.19
HSL	267°, 38%, 69%
HSV	267°, 29%, 81%
XYZ	39.0249, 34.3223, 62.9606
YIQ	161.7990, -2.8470, 24.0730

Conversions

Conversions Part 2

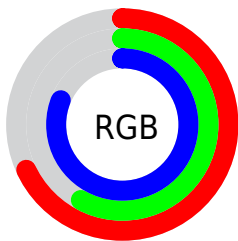
Format	Color
RYB	174, 147, 206
Decimal	11441102
CIELab	65.22, 21.55, -26.59
CIELCh	65, 34.227, 309.020
Yxy	34.3223, 0.2863, 0.2518
Android (android.graphics.Color)	4289631182 (0xFFAE93CE)
YUV	161.7990, 21.7911, 10.7003
Hunter-Lab	58.5852, 16.3786, -22.7083

Details

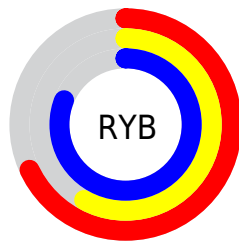
The Yxy color $34.3223, 0.2863, 0.2518$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $55.8389, 0.3335, 0.4054$, and the grayscale version is $35.9292, 0.3127, 0.3290$.

A 20% lighter version of the original color is $65.8163, 0.2971, 0.2732$, and $14.6977, 0.2769, 0.2295$ is the 20% darker color. If you saturate the color by 10%, you get $27.2482, 0.2745, 0.2218$, and if you desaturate by 10%, it is $42.6534, 0.2968, 0.2806$.

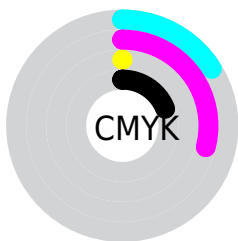
Distribution



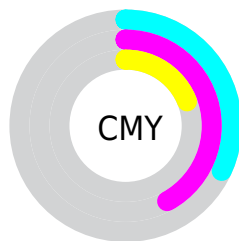
- Red (68%)
- Green (58%)
- Blue (81%)



- Red (68%)
- Yellow (58%)
- Blue (81%)



- Cyan (16%)
- Magenta (29%)
- Yellow (0%)
- Black (19%)





- Cyan (32%)
- Magenta (42%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3223, 0.2863, 0.2518 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 34.3223, 0.2863, 0.2518 by changing the saturation by 10% instead.

 34.3223, 0.2863,
0.2518


 34.3223, 0.2863,
0.2518


321.5668, 0.3006,
0.2901

 23.1413, 0.2824,
0.2424


 66.4346, 0.2918,
0.2656

 14.6979, 0.2772,
0.2304


 88.1346, 0.2937,
0.2709

 8.6076, 0.2700,
0.2148


114.1098, 0.2954,
0.2753

 4.4862, 0.2594,
0.1936

144.7446, 0.2968,
0.2791

 1.9491, 0.2427,
0.1635

180.4232, 0.2979,
0.2824

 0.5776, 0.2149,
0.1131

221.5302, 0.2990,

 0.0000, 0.0170,

0.2853

0.0000

268.4500, 0.2999,
0.2879

0.0000, 0.0000,
0.0000

34.3223, 0.2863,
0.2518

34.3223, 0.2863,
0.2518

27.2482, 0.2745,
0.2218

42.6534, 0.2968,
0.2806

21.3631, 0.2615,
0.1916

52.2964, 0.3059,
0.3075

16.5987, 0.2476,
0.1625

63.3081, 0.3137,
0.3322

12.8779, 0.2334,
0.1360

75.7406, 0.3203,
0.3547

10.1134, 0.2194,
0.1137

89.6432, 0.3259,
0.3748

■ 8.2027, 0.2065,
0.0968

■ 94.6921, 0.3326,
0.3785

■ 6.9865, 0.1950,
0.0854

■ 96.7223, 0.3400,
0.3773

■ 6.8437, 0.1935,
0.0840

■ 97.2363, 0.3418,
0.3770

Harmonies

Analogous

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



34.3223, 0.2440, 0.2452



34.3223, 0.2863, 0.2518



34.3223, 0.3398, 0.2751

Triad

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



34.3223, 0.2863, 0.2518



34.3223, 0.4126, 0.3915



34.3223, 0.2400, 0.3425

Complementary

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



34.3223, 0.2863, 0.2518



55.8389, 0.3335, 0.4054

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.



34.3223, 0.2807, 0.3936



34.3223, 0.2863, 0.2518



34.3223, 0.3808, 0.4197

Square

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



34.3223, 0.2863, 0.2518



34.3223, 0.4164, 0.3517



34.3223, 0.3322, 0.4229



34.3223, 0.2191, 0.2922

Rectangle

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



34.3223, 0.2863, 0.2518



34.3223, 0.3742, 0.2976



34.3223, 0.3322, 0.4229



34.3223, 0.2517, 0.3606

Sweetspot

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



34.3237, 0.2863, 0.2518



83.9341, 0.3055, 0.3063



43.0844, 0.2678, 0.2929



17.4467, 0.3042, 0.3024



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.



34.3237, 0.2863, 0.2518



48.7349, 0.2796, 0.2345



38.0320, 0.3132, 0.2578



11.0909, 0.3053, 0.3055



4.2703, 0.1950, 0.0848



0.2652, 0.2172, 0.0970

Inverse Universe

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



37.2503, 0.3418, 0.2892



54.3019, 0.3496, 0.2808



52.7307, 0.3110, 0.4109



11.3139, 0.3207, 0.3165



8.8182, 0.4762, 0.2397



0.4701, 0.4378, 0.2185

Previews

White Background



This preview shows how the Yxy color 34.3223, 0.2863, 0.2518 looks on a white background.

Color Contrast Check

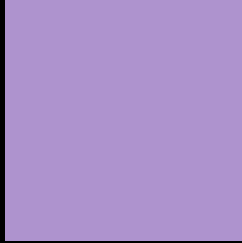
Large Text (above 18pt) WCAG AA × Fail

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 34.3223, 0.2863, 0.2518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

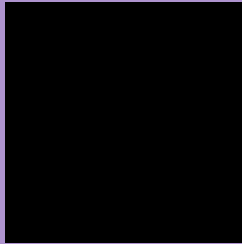
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3223, 0.2863, 0.2518

Background



This preview shows how black text looks on a background with the Yxy color 34.3223, 0.2863, 0.2518.



This preview shows how white text looks on a background with the Yxy color 34.3223, 0.2863, 0.2518.

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

34.3223, 0.2863, 0.2518

Protanopia

34.3318, 0.2557, 0.2504

Deuteranopia

34.5261, 0.2672, 0.2623



Tritanopia

34.4482, 0.3135, 0.3119

Trichromacy



Original Color

34.3223, 0.2863, 0.2518

Protanomaly

34.3056, 0.2666, 0.2516

Deuteranomaly

34.4593, 0.2736, 0.2582

Tritanomaly

34.3387, 0.3039, 0.2887

Monochromacy



Original Color

34.3223, 0.2863, 0.2518

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.4353, 0.3027, 0.2995

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3223, 0.2863, 0.2518 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(174, 147, 206)` looks like.

```
.text, #text, p{  
    color:rgb(174, 147, 206)  
}
```

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(174, 147, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 147, 206) }
```

Border

The CSS property to change the border of an element to Yxy 34.3223, 0.2863, 0.2518 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(174, 147, 206) }
```

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

```
.border{ border-color:rgb(174, 147, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 147, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 147, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 147, 206); box-shadow:4px 4px 4px 4px rgb(174, 147, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3223, 0.2863, 0.2518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 147, 206) }
```

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

```
.background{ background-color: rgb(174,  
147, 206) }
```

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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