

Converting Colors

$Y_{xy}(35.1626, 0.2876, 0.2660)$

Have a look what the booklet for
Yxy(35.1626, 0.2876, 0.2660)
contains.

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Color

Yxy(35.0150, 0.2878, 0.2659)

Conversions

Conversions Part 1

Format	Color
Hex	A998C7
RGB	169, 152, 199
RGB Percent	66%, 60%, 78%
CMY	0.3372, 0.4039, 0.2198
CMYK	0.15, 0.24, 0.00, 0.22
HSL	262°, 30%, 69%
HSV	262°, 24%, 78%
XYZ	37.8989, 35.0150, 58.7709
YIQ	162.4410, -4.9550, 18.2210

Conversions

Conversions Part 2

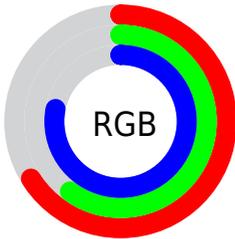
Format	Color
R _Y B	169, 152, 199
Decimal	11114695
CIE Lab	65.76, 15.60, -21.88
CIE LCh	66, 26.868, 305.495
Yxy	35.0150, 0.2878, 0.2659
Android (android.graphics.Color)	4289304775 (0xFFA998C7)
YUV	162.4410, 18.0236, 5.7522
Hunter-Lab	59.1735, 10.7705, -17.4652

Details

The Yxy color **35.0150, 0.2878, 0.2659** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.0352, 0.3337, 0.3901**, and the grayscale version is **36.2657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3702, 0.2936, 0.2779**, and **15.0647, 0.2789, 0.2476** is the 20% darker color. If you saturate the color by 10%, you get **27.7546, 0.2747, 0.2357**, and if you desaturate by 10%, it is **43.4977, 0.2994, 0.2942**.

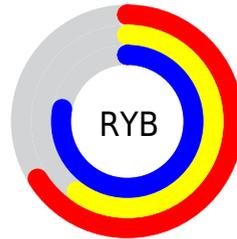
Distribution



Red (66%)

Green (60%)

Blue (78%)



Red (66%)

Yellow (60%)

Blue (78%)

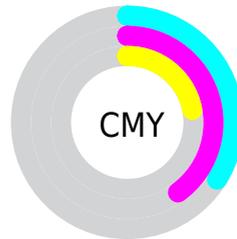


Cyan (15%)

Magenta (24%)

Yellow (0%)

Black (22%)



Cyan (34%)

Magenta (40%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.0150, 0.2878, 0.2659 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 35.0150, 0.2878, 0.2659 by changing the saturation by 10% instead.

 35.0150, 0.2878,
0.2659

 35.0150, 0.2878,
0.2659

324.6345, 0.3011,
0.2976

 23.6744, 0.2842,
0.2580

 67.5090, 0.2928,
0.2774

 15.0923, 0.2795,
0.2478

 89.4312, 0.2947,
0.2818

 8.8842, 0.2729,
0.2344

115.6495, 0.2962,
0.2854

 4.6657, 0.2633,
0.2158

146.5481, 0.2975,
0.2886

 2.0525, 0.2480,
0.1887

182.5115, 0.2986,
0.2913

 0.6377, 0.2220,
0.1422

223.9241, 0.2995,

 0.0000, 0.0000,

0.2936

0.0000

271.1704, 0.3004,
0.2957

■ 35.0150, 0.2878,
0.2659

■ 35.0150, 0.2878,
0.2659

■ 27.7546, 0.2747,
0.2357

■ 43.4977, 0.2994,
0.2942

■ 21.6544, 0.2601,
0.2044

■ 53.2524, 0.3095,
0.3202

■ 16.6530, 0.2445,
0.1732

■ 64.3312, 0.3181,
0.3437

■ 12.6818, 0.2285,
0.1437

■ 76.7819, 0.3254,
0.3648

■ 9.6639, 0.2126,
0.1177

■ 90.6499, 0.3315,
0.3835

■ 7.5112, 0.1980,
0.0969

■ 95.0785, 0.3394,
0.3853

■ 6.1180, 0.1852,
0.0823

■ 96.9018, 0.3460,
0.3840

■ 5.5037, 0.1782,
0.0755

Harmonies

Analogous

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



35.0150, 0.2553, 0.2628



35.0150, 0.2878, 0.2659



35.0150, 0.3292, 0.2833

Triad

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



35.0150, 0.2878, 0.2659



35.0150, 0.3925, 0.3762



35.0150, 0.2587, 0.3449

Complementary

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



35.0150, 0.2878, 0.2659



53.0352, 0.3337, 0.3901

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.



35.0150, 0.2928, 0.3822



35.0150, 0.2878, 0.2659



35.0150, 0.3706, 0.3986

Square

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



35.0150, 0.2878, 0.2659



35.0150, 0.3920, 0.3443



35.0150, 0.3337, 0.4022



35.0150, 0.2394, 0.3052

Rectangle

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



35.0150, 0.2878, 0.2659



35.0150, 0.3564, 0.3010



35.0150, 0.3337, 0.4022



35.0150, 0.2687, 0.3584

Sweetspot

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



35.0165, 0.2878, 0.2659



87.0403, 0.3061, 0.3114



44.4695, 0.2764, 0.3066



18.4027, 0.3055, 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.



35.0165, 0.2878, 0.2659



54.9600, 0.2817, 0.2516



37.7749, 0.3088, 0.2697



10.4714, 0.3038, 0.3055



3.5858, 0.1795, 0.0763



0.2106, 0.2038, 0.0896

Inverse Universe

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



37.9693, 0.3312, 0.2911



61.0390, 0.3360, 0.2830



50.4727, 0.3151, 0.3938



10.7489, 0.3192, 0.3144



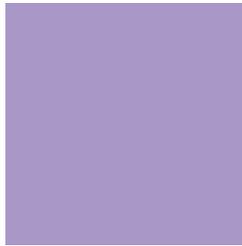
8.8082, 0.4375, 0.2184



0.4306, 0.4071, 0.2016

Previews

White Background



This preview shows how the Yxy color 35.0150, 0.2878, 0.2659 looks on a white background.

Color Contrast Check

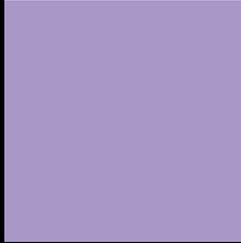
Large Text (above 18pt) WCAG AA × Fail

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 35.0150, 0.2878, 0.2659 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

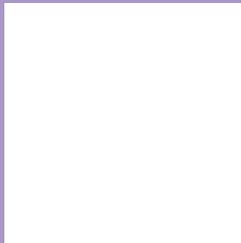
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.0150, 0.2878, 0.2659

Background



This preview shows how black text looks on a background with the Yxy color 35.0150, 0.2878, 0.2659.



This preview shows how white text looks on a background with the Yxy color 35.0150, 0.2878, 0.2659.

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

35.0150, 0.2878, 0.2659

Protanopia

35.0614, 0.2674, 0.2662

Deuteranopia

35.2591, 0.2776, 0.2722



Tritanopia

34.9087, 0.3078, 0.3104

Trichromacy



Original Color

35.0150, 0.2878, 0.2659

Protanomaly

35.1091, 0.2745, 0.2658

Deuteranomaly

35.0970, 0.2817, 0.2700

Tritanomaly

34.8859, 0.3001, 0.2926

Monochromacy



Original Color

35.0150, 0.2878, 0.2659

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.5482, 0.3044, 0.3049

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0150, 0.2878, 0.2659 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(169, 152, 199)` looks like.

```
.text, #text, p{  
    color:rgb(169, 152, 199)  
}
```

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(169, 152, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 152, 199) }
```

Border

The CSS property to change the border of an element to Yxy 35.0150, 0.2878, 0.2659 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(169, 152, 199) }
```

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

```
.border{ border-color:rgb(169, 152, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 152, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 152, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 152, 199);  
box-shadow:4px 4px 4px 4px rgb(169, 152,  
199) }
```

Background

The CSS property to change the background color of an element to Yxy 35.0150, 0.2878, 0.2659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 152, 199) }
```

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

```
.background{ background-color: rgb(169,  
152, 199) }
```

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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