

Converting Colors

$Yxy(35.2164, 0.2825, 0.2583)$

Have a look what the booklet for
Yxy(35.2164, 0.2825, 0.2583)
contains.

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Color

Yxy(35.2993, 0.2830, 0.2587)

Conversions

Conversions Part 1

Format	Color
Hex	A998CD
RGB	169, 152, 205
RGB Percent	66%, 60%, 80%
CMY	0.3371, 0.4040, 0.1961
CMYK	0.18, 0.26, 0.00, 0.20
HSL	259°, 35%, 70%
HSV	259°, 26%, 80%
XYZ	38.6150, 35.2993, 62.5345
YIQ	163.1250, -6.8810, 20.0870

Conversions

Conversions Part 2

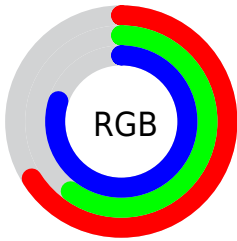
Format	Color
RYB	169, 152, 205
Decimal	11114701
CIELab	65.98, 16.95, -24.90
CIELCh	66, 30.122, 304.249
Yxy	35.2993, 0.2830, 0.2587
Android (android.graphics.Color)	4289304781 (0xFFA998CD)
YUV	163.1250, 20.6444, 5.1524
Hunter-Lab	59.4132, 12.0411, -20.8155

Details

The Yxy color **35.2993, 0.2830, 0.2587** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **56.6146, 0.3374, 0.3961**, and the grayscale version is **36.5936, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3702, 0.2936, 0.2779**, and **15.2547, 0.2725, 0.2384** is the 20% darker color. If you saturate the color by 10%, you get **27.7541, 0.2686, 0.2277**, and if you desaturate by 10%, it is **44.1610, 0.2958, 0.2878**.

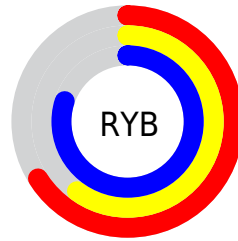
Distribution



Red (66%)

Green (60%)

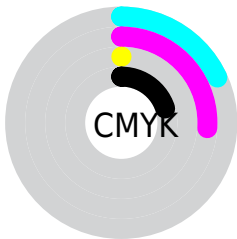
Blue (80%)



Red (66%)

Yellow (60%)

Blue (80%)

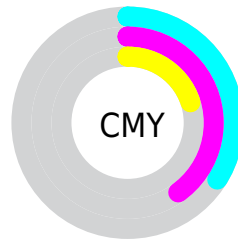


Cyan (18%)

Magenta (26%)

Yellow (0%)

Black (20%)



Cyan (34%)


Magenta (40%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2993, 0.2830, 0.2587 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 35.2993, 0.2830, 0.2587 by changing the saturation by 10% instead.

 35.2993, 0.2830,
0.2587


 35.2993, 0.2830,
0.2587


325.8875, 0.2988,
0.2938

 23.8935, 0.2788,
0.2500


 67.9492, 0.2890,
0.2714

 15.2547, 0.2732,
0.2390


 89.9621, 0.2911,
0.2762

 8.9983, 0.2655,
0.2245


116.2794, 0.2929,
0.2802

 4.7401, 0.2544,
0.2046

147.2857, 0.2945,
0.2837

 2.0956, 0.2371,
0.1762

183.3652, 0.2958,
0.2867

 0.6621, 0.2081,
0.1300

224.9024, 0.2969,

 0.0000, 0.0000,

0.2894

0.0000

272.2817, 0.2979,
0.2917

■ 35.2993, 0.2830,
0.2587

■ 35.2993, 0.2830,
0.2587

■ 27.7541, 0.2686,
0.2277

■ 44.1610, 0.2958,
0.2878

■ 21.4569, 0.2529,
0.1957

■ 54.3947, 0.3069,
0.3146

■ 16.3393, 0.2363,
0.1642

■ 66.0579, 0.3165,
0.3387

■ 12.3245, 0.2194,
0.1347

■ 79.2034, 0.3247,
0.3602

■ 9.3263, 0.2032,
0.1093

■ 93.8815, 0.3316,
0.3793

■ 7.2449, 0.1887,
0.0896

■ 96.7143, 0.3407,
0.3783

■ 5.9574, 0.1766,
0.0765

■ 97.1877, 0.3424,
0.3780

■ 5.5629, 0.1723,
0.0723

Harmonies

Analogous

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



35.2993, 0.2477, 0.2558



35.2993, 0.2830, 0.2587



35.2993, 0.3290, 0.2773

Triad

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



35.2993, 0.2830, 0.2587



35.2993, 0.4024, 0.3796



35.2993, 0.2538, 0.3485

Complementary

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



35.2993, 0.2830, 0.2587



56.6146, 0.3374, 0.3961

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.



35.2993, 0.2920, 0.3904



35.2993, 0.2830, 0.2587



35.2993, 0.3784, 0.4058

Square

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



35.2993, 0.2830, 0.2587



35.2993, 0.4009, 0.3439



35.2993, 0.3376, 0.4117



35.2993, 0.2318, 0.3037

Rectangle

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



35.2993, 0.2830, 0.2587



35.2993, 0.3597, 0.2964



35.2993, 0.3376, 0.4117



35.2993, 0.2650, 0.3638

Sweetspot

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



35.3007, 0.2830, 0.2587



85.1367, 0.3046, 0.3088



47.1401, 0.2731, 0.3065



17.6612, 0.3029, 0.3048



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.



35.3007, 0.2830, 0.2587



50.7195, 0.2752, 0.2417



38.5014, 0.3067, 0.2634



11.0162, 0.3032, 0.3054



3.5089, 0.1737, 0.0730



0.2219, 0.1959, 0.0853

Inverse Universe

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



39.0620, 0.3314, 0.2846



57.9808, 0.3364, 0.2748



53.5799, 0.3166, 0.4007



11.3400, 0.3186, 0.3134



9.2601, 0.4218, 0.2097



0.4912, 0.3974, 0.1963

Previews

White Background



This preview shows how the Yxy color 35.2993, 0.2830, 0.2587 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 35.2993, 0.2830, 0.2587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

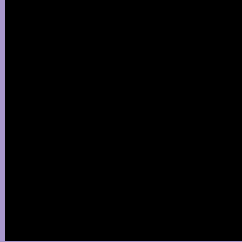
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2993, 0.2830, 0.2587

Background



This preview shows how black text looks on a background with the Yxy color 35.2993, 0.2830, 0.2587.



This preview shows how white text looks on a background with the Yxy color 35.2993, 0.2830, 0.2587.

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

35.2993, 0.2830, 0.2587

Protanopia

35.6525, 0.2620, 0.2590

Deuteranopia

35.2459, 0.2706, 0.2643



Tritanopia

35.1805, 0.3060, 0.3104

Trichromacy



Original Color

35.2993, 0.2830, 0.2587

Protanomaly

35.2996, 0.2693, 0.2583

Deuteranomaly

35.1733, 0.2754, 0.2624

Tritanomaly

35.1952, 0.2975, 0.2912

Monochromacy



Original Color

35.2993, 0.2830, 0.2587

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.0100, 0.3018, 0.3023

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2993, 0.2830, 0.2587 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(169, 152, 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(169, 152, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 152, 205) }
```

Border

The CSS property to change the border of an element to Yxy 35.2993, 0.2830, 0.2587 is called "border". The border property can be set on classes, ids or directly on the HTML element.

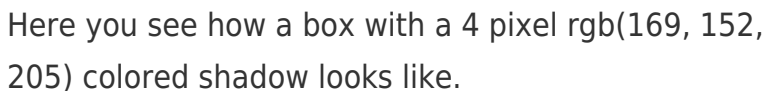
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 152, 205) }
```

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

```
.border{ border-color:rgb(169, 152, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 152, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 152, 205);  
box-shadow:4px 4px 4px 4px rgb(169, 152,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2993, 0.2830, 0.2587 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, 205) }
```

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

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