

Converting Colors

$Y_{xy}(35.6709, 0.2793, 0.2465)$

Have a look what the booklet for
Yxy(35.6709, 0.2793, 0.2465)
contains.

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Color

Yxy(35.5520, 0.2793, 0.2466)

Conversions

Conversions Part 1

Format	Color
Hex	AD96D6
RGB	173, 150, 214
RGB Percent	68%, 59%, 84%
CMY	0.3218, 0.4117, 0.1608
CMYK	0.19, 0.30, 0.00, 0.16
HSL	261°, 44%, 71%
HSV	261°, 30%, 84%
XYZ	40.2663, 35.5520, 68.3504
YIQ	164.1730, -6.8360, 24.7800

Conversions

Conversions Part 2

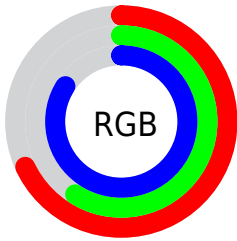
Format	Color
RYB	173, 150, 214
Decimal	11376342
CIELab	66.18, 21.32, -29.56
CIELCh	66, 36.448, 305.792
Yxy	35.5520, 0.2793, 0.2466
Android (android.graphics.Color)	4289566422 (0xFFAD96D6)
YUV	164.1730, 24.5647, 7.7413
Hunter-Lab	59.6255, 16.2001, -26.2279

Details

The Yxy color **35.5520, 0.2793, 0.2466** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **61.3766, 0.3393, 0.4079**, and the grayscale version is **37.0924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0637, 0.2964, 0.2762**, and **15.4200, 0.2688, 0.2245** is the 20% darker color. If you saturate the color by 10%, you get **27.8495, 0.2651, 0.2154**, and if you desaturate by 10%, it is **44.6653, 0.2920, 0.2764**.

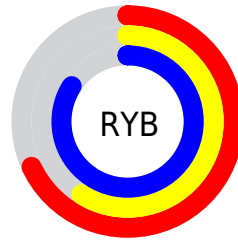
Distribution



Red (68%)

Green (59%)

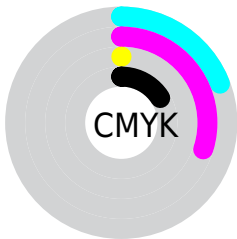
Blue (84%)



Red (68%)

Yellow (59%)

Blue (84%)

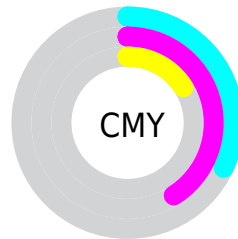


Cyan (19%)

Magenta (30%)

Yellow (0%)

Black (16%)



Cyan (32%)


Magenta (41%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5520, 0.2793, 0.2466 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 35.5520, 0.2793, 0.2466 by changing the saturation by 10% instead.


 35.5520, 0.2793,
0.2466


 35.5520, 0.2793,
0.2466


326.9982, 0.2971,
0.2872

 24.0884, 0.2746,
0.2368


 68.3400, 0.2860,
0.2611

 15.3992, 0.2683,
0.2244


 90.4332, 0.2885,
0.2667

 9.1000, 0.2598,
0.2083


116.8384, 0.2905,
0.2714

 4.8065, 0.2475,
0.1867

147.9400, 0.2922,
0.2754

 2.1342, 0.2287,
0.1567

184.1224, 0.2937,
0.2789

 0.6837, 0.1978,
0.1114

225.7700, 0.2950,

 0.0000, 0.0629,

0.2820

0.0000

273.2671, 0.2961,
0.2847

0.0000, 0.0000,
0.0000

35.5520, 0.2793,
0.2466

35.5520, 0.2793,
0.2466

27.8495, 0.2651,
0.2154

44.6653, 0.2920,
0.2764

21.4808, 0.2497,
0.1838

55.2526, 0.3032,
0.3041

16.3678, 0.2335,
0.1533

67.3783, 0.3128,
0.3293

12.4224, 0.2173,
0.1258

81.1017, 0.3210,
0.3519

9.5443, 0.2021,
0.1029

95.1820, 0.3282,
0.3702

■ 7.6154, 0.1885,
0.0860

■ 97.6345, 0.3370,
0.3691

■ 6.4295, 0.1772,
0.0751

■ 6.4182, 0.1771,
0.0749

Harmonies

Analogous

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



35.5520, 0.2370, 0.2417



35.5520, 0.2793, 0.2466



35.5520, 0.3349, 0.2692

Triad

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



35.5520, 0.2793, 0.2466



35.5520, 0.4196, 0.3900



35.5520, 0.2401, 0.3492

Complementary

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



35.5520, 0.2793, 0.2466



61.3766, 0.3393, 0.4079

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.



35.5520, 0.2844, 0.4022



35.5520, 0.2793, 0.2466



35.5520, 0.3887, 0.4220

Square

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



35.5520, 0.2793, 0.2466



35.5520, 0.4203, 0.3476



35.5520, 0.3388, 0.4295



35.5520, 0.2159, 0.2950

Rectangle

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



35.5520, 0.2793, 0.2466



35.5520, 0.3719, 0.2919



35.5520, 0.3388, 0.4295



35.5520, 0.2530, 0.3683

Sweetspot

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



35.5534, 0.2793, 0.2466



83.5342, 0.3040, 0.3062



48.8660, 0.2666, 0.2996



17.3485, 0.3025, 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.



35.5534, 0.2793, 0.2466



45.2329, 0.2703, 0.2265



39.5691, 0.3074, 0.2531



12.2230, 0.3037, 0.3053



3.9332, 0.1786, 0.0757



0.2831, 0.1982, 0.0865

Inverse Universe

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



39.8808, 0.3374, 0.2800



52.8055, 0.3444, 0.2691



57.7251, 0.3155, 0.4141



12.5537, 0.3192, 0.3141



9.7591, 0.4364, 0.2177



0.6042, 0.4113, 0.2039

Previews

White Background



This preview shows how the Yxy color 35.5520, 0.2793, 0.2466 looks on a white background.

Color Contrast Check

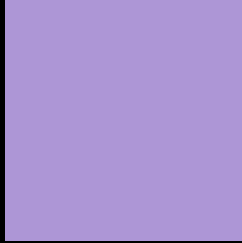
Large Text (above 18pt) WCAG AA × Fail

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 35.5520, 0.2793, 0.2466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

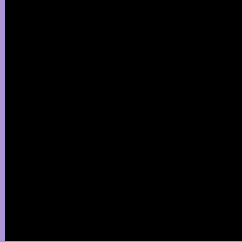
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5520, 0.2793, 0.2466

Background



This preview shows how black text looks on a background with the Yxy color 35.5520, 0.2793, 0.2466.



This preview shows how white text looks on a background with the Yxy color 35.5520, 0.2793, 0.2466.

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

35.5520, 0.2793, 0.2466

Protanopia

35.8564, 0.2519, 0.2456

Deuteranopia

35.5031, 0.2612, 0.2553



Tritanopia

35.3933, 0.3079, 0.3105

Trichromacy



Original Color

35.5520, 0.2793, 0.2466

Protanomaly

35.7089, 0.2615, 0.2466

Deuteranomaly

35.4149, 0.2672, 0.2514

Tritanomaly

35.3554, 0.2969, 0.2849

Monochromacy



Original Color

35.5520, 0.2793, 0.2466

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.3892, 0.3002, 0.2970

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5520, 0.2793, 0.2466 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, 150, 214)` looks like.

```
.text, #text, p{  
    color:rgb(173, 150, 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, 150, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 150, 214) }
```

Border

The CSS property to change the border of an element to Yxy 35.5520, 0.2793, 0.2466 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, 150, 214) }
```

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

```
.border{ border-color:rgb(173, 150, 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, 150, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 150, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 150, 214);  
box-shadow:4px 4px 4px 4px rgb(173, 150,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5520, 0.2793, 0.2466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 150, 214) }
```

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

```
.background{ background-color: rgb(173,  
150, 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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