

Converting Colors

$Y_{xy}(35.9090, 0.3530, 0.2525)$

Have a look what the booklet for
Yxy(35.9090, 0.3530, 0.2525)
contains.

Yxy(35.9419, 0.3528, 0.2532)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.9419, 0.3528, 0.2532)

Conversions

Conversions Part 1

Format	Color
Hex	E67FC3
RGB	230, 127, 195
RGB Percent	90%, 50%, 76%
CMY	0.0979, 0.5020, 0.2353
CMYK	0.00, 0.45, 0.15, 0.10
HSL	320°, 67%, 70%
HSV	320°, 45%, 90%
XYZ	50.0802, 35.9419, 55.9285
YIQ	165.5490, 39.5600, 42.9840

Conversions

Conversions Part 2

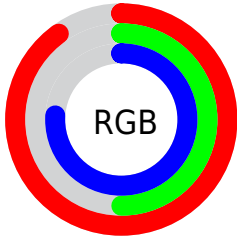
Format	Color
R _Y B	230, 127, 195
Decimal	15105987
CIE Lab	66.48, 48.35, -17.97
CIE LCh	66, 51.578, 339.606
Yxy	35.9419, 0.3528, 0.2532
Android (android.graphics.Color)	4293296067 (0xFFE67FC3)
YUV	165.5490, 14.5193, 56.5235
Hunter-Lab	59.9516, 44.1937, -13.3453

Details

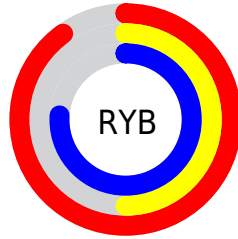
The Yxy color **35.9419, 0.3528, 0.2532** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.7311, 0.2876, 0.4207**, and the grayscale version is **37.8189, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.7442, 0.3183, 0.2602**, and **15.5913, 0.3634, 0.2334** is the 20% darker color. If you saturate the color by 10%, you get **30.3211, 0.3656, 0.2380**, and if you desaturate by 10%, it is **42.9408, 0.3414, 0.2700**.

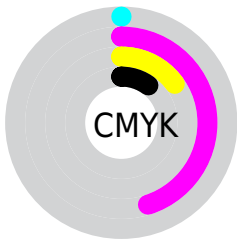
Distribution



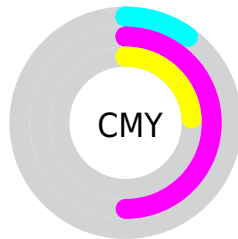
- Red (90%)
- Green (50%)
- Blue (76%)



- Red (90%)
- Yellow (50%)
- Blue (76%)



- Cyan (0%)
- Magenta (45%)
- Yellow (15%)
- Black (10%)





- Cyan (10%)
- Magenta (50%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9419, 0.3528, 0.2532 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 35.9419, 0.3528, 0.2532 by changing the saturation by 10% instead.

 35.9419, 0.3528,
0.2532


 35.9419, 0.3528,
0.2532

328.7065, 0.3331,
0.2901


 24.3893, 0.3576,
0.2443


 68.9424, 0.3458,
0.2664

 15.6227, 0.3636,
0.2331


 91.1591, 0.3431,
0.2714

 9.2575, 0.3715,
0.2186


 117.6993, 0.3408,
0.2757

 4.9096, 0.3822,
0.1991

148.9474, 0.3388,
0.2794

 2.1943, 0.3974,
0.1717

185.2877, 0.3371,
0.2826

 0.7169, 0.4211,
0.1296

227.1048, 0.3356,


 0.0000, 0.4932,


0.2854


0.0000


274.7829, 0.3343,
0.2879

 0.0000, 0.0000,
0.0000

 35.9419, 0.3528,
0.2532


 35.9419, 0.3528,
0.2532

 30.3211, 0.3656,
0.2380

 42.9408, 0.3414,
0.2700


 25.9794, 0.3796,
0.2253


 51.3976, 0.3315,
0.2873


 22.8130, 0.3943,
0.2165

 61.3922, 0.3230,
0.3046

 20.6990, 0.4094,
0.2123

 72.9970, 0.3158,
0.3213

 19.4874, 0.4242,
0.2133

 86.2798, 0.3097,
0.3371

■ 19.0897, 0.4318,
0.2152

■ 94.7541, 0.3048,
0.3421

■ 95.2339, 0.3005,
0.3342

■ 95.5681, 0.2976,
0.3290

Harmonies

Analogous

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



35.9419, 0.2742, 0.2212



35.9419, 0.3528, 0.2532



35.9419, 0.4273, 0.3010

Triad

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



35.9419, 0.3528, 0.2532



35.9419, 0.4066, 0.4605



35.9419, 0.1801, 0.2704

Complementary

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



35.9419, 0.3528, 0.2532



63.7311, 0.2876, 0.4207

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.



35.9419, 0.2065, 0.3452



35.9419, 0.3528, 0.2532



35.9419, 0.3354, 0.4722

Square

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



35.9419, 0.3528, 0.2532



35.9419, 0.4563, 0.4141



35.9419, 0.2621, 0.4275



35.9419, 0.1835, 0.2256

Rectangle

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



35.9419, 0.3528, 0.2532



35.9419, 0.4587, 0.3379



35.9419, 0.2621, 0.4275



35.9419, 0.1855, 0.2924

Sweetspot

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



35.9436, 0.3528, 0.2532



79.9382, 0.3216, 0.3075



28.5020, 0.2552, 0.1985



16.4566, 0.3234, 0.3037



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.



35.9436, 0.3528, 0.2532



38.6160, 0.3649, 0.2387



34.0219, 0.4119, 0.3095



14.5276, 0.3190, 0.3136



10.8280, 0.4296, 0.2140



0.8174, 0.4097, 0.2031

Inverse Universe

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



35.9436, 0.3528, 0.2532



38.6160, 0.3649, 0.2387



65.9187, 0.2609, 0.3507



14.5276, 0.3190, 0.3136



10.8280, 0.4296, 0.2140



0.8174, 0.4097, 0.2031

Previews

White Background



This preview shows how the Yxy color 35.9419, 0.3528, 0.2532 looks on a white background.

Color Contrast Check

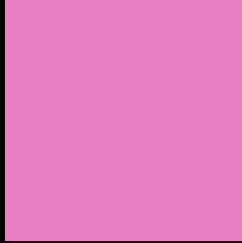
Large Text (above 18pt) WCAG AA × Fail

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 35.9419, 0.3528, 0.2532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

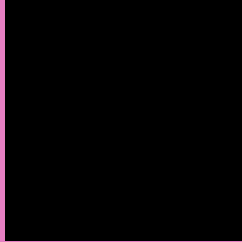
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9419, 0.3528, 0.2532

Background



This preview shows how black text looks on a background with the Yxy color 35.9419, 0.3528, 0.2532.



This preview shows how white text looks on a background with the Yxy color 35.9419, 0.3528, 0.2532.

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

35.9419, 0.3528, 0.2532

Protanopia

36.2758, 0.2547, 0.2495

Deuteranopia

36.1708, 0.2917, 0.2849



Tritanopia

36.0055, 0.3990, 0.3174

Trichromacy



Original Color

35.9419, 0.3528, 0.2532



Protanomaly

35.0631, 0.2850, 0.2490



Deuteranomaly

35.4920, 0.3125, 0.2710



Tritanomaly

35.7863, 0.3830, 0.2930

Monochromacy



Original Color

35.9419, 0.3528, 0.2532



Achromatopsia

38.1326, 0.3127, 0.3290



Achromatomaly

36.4496, 0.3261, 0.2961

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9419, 0.3528, 0.2532 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(230, 127, 195)` looks like.

```
.text, #text, p{  
    color:rgb(230, 127, 195)  
}
```

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(230, 127, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 127, 195) }
```

Border

The CSS property to change the border of an element to Yxy 35.9419, 0.3528, 0.2532 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(230, 127, 195) }
```

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

```
.border{ border-color:rgb(230, 127, 195) }
```

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

Here you see how a box with a 4 pixel rgb(230, 127, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 127, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 127, 195);  
box-shadow:4px 4px 4px 4px rgb(230, 127,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9419, 0.3528, 0.2532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 127, 195) }
```

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

```
.background{ background-color: rgb(230,  
127, 195) }
```

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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