

Converting Colors

$Y_{xy}(39.9272, 0.2758, 0.2588)$

Have a look what the booklet for
Yxy(39.9272, 0.2758, 0.2588)
contains.

Yxy(39.9143, 0.2758, 0.2588)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.9143, 0.2758, 0.2588)

Conversions

Conversions Part 1

Format	Color
Hex	ABA3DA
RGB	171, 163, 218
RGB Percent	67%, 64%, 85%
CMY	0.3296, 0.3607, 0.1452
CMYK	0.22, 0.25, 0.00, 0.15
HSL	249°, 43%, 75%
HSV	249°, 25%, 85%
XYZ	42.5362, 39.9143, 71.7779
YIQ	171.6620, -12.8870, 18.8010

Conversions

Conversions Part 2

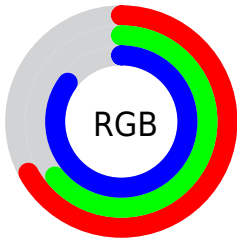
Format	Color
R_{YB}	171, 163, 218
Decimal	11248602
CIE _{Lab}	69.41, 14.31, -26.81
CIE _{LCh}	69, 30.388, 298.097
Yxy	39.9143, 0.2758, 0.2588
Android (android.graphics.Color)	4289438682 (0xFFABA3DA)
YUV	171.6620, 22.8446, -0.5806
Hunter-Lab	63.1778, 9.6190, -23.1365

Details

The Yxy color $39.9143, 0.2758, 0.2588$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $66.4872, 0.3444, 0.3930$, and the grayscale version is $40.9604, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.6937, 0.2952, 0.2908$, and $17.8648, 0.2647, 0.2392$ is the 20% darker color. If you saturate the color by 10%, you get $30.8812, 0.2580, 0.2262$, and if you desaturate by 10%, it is $50.5803, 0.2919, 0.2889$.

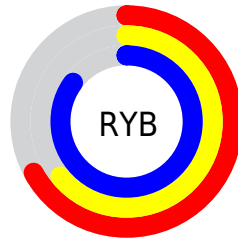
Distribution



Red (67%)

Green (64%)

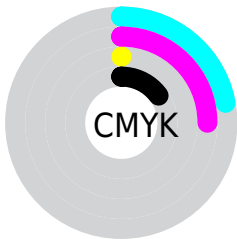
Blue (85%)



Red (67%)

Yellow (64%)

Blue (85%)

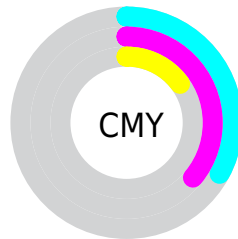


Cyan (22%)

Magenta (25%)

Yellow (0%)

Black (15%)



Cyan (33%)


Magenta (36%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9143, 0.2758, 0.2588 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 39.9143, 0.2758, 0.2588 by changing the saturation by 10% instead.


 39.9143, 0.2758,
0.2588


 39.9143, 0.2758,
0.2588

345.7622, 0.2948,
0.2932

 27.4717, 0.2709,
0.2505


 75.0330, 0.2828,
0.2711

 17.9278, 0.2646,
0.2400

 98.4779, 0.2854,
0.2758

 10.8982, 0.2561,
0.2263


126.3591, 0.2876,
0.2798

 5.9984, 0.2443,
0.2080

159.0609, 0.2895,
0.2832

 2.8441, 0.2266,
0.1822

196.9677, 0.2911,
0.2862

 1.0509, 0.1981,
0.1442

240.4639, 0.2925,

 0.0000, 0.1218,

0.2888

0.0000

289.9340, 0.2937,
0.2912

0.0000, 0.0000,
0.0000

39.9143, 0.2758,
0.2588

39.9143, 0.2758,
0.2588

30.8812, 0.2580,
0.2262

50.5803, 0.2919,
0.2889

23.3955, 0.2388,
0.1921

62.9496, 0.3061,
0.3161

17.3712, 0.2190,
0.1582

77.0941, 0.3184,
0.3401

12.7116, 0.1998,
0.1265

93.0803, 0.3290,
0.3613

9.3087, 0.1826,
0.0994

97.8409, 0.3346,
0.3651

■ 7.0373, 0.1685,
0.0792

■ 5.7462, 0.1586,
0.0667

■ 5.3592, 0.1552,
0.0629

Harmonies

Analogous

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



39.9143, 0.2446, 0.2595



39.9143, 0.2758, 0.2588



39.9143, 0.3191, 0.2740

Triad

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



39.9143, 0.2758, 0.2588



39.9143, 0.4014, 0.3716



39.9143, 0.2621, 0.3571

Complementary

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



39.9143, 0.2758, 0.2588



66.4872, 0.3444, 0.3930

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.



39.9143, 0.3016, 0.3946



39.9143, 0.2758, 0.2588



39.9143, 0.3829, 0.3995

Square

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



39.9143, 0.2758, 0.2588



39.9143, 0.3945, 0.3362



39.9143, 0.3459, 0.4099



39.9143, 0.2371, 0.3129

Rectangle

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



39.9143, 0.2758, 0.2588



39.9143, 0.3494, 0.2912



39.9143, 0.3459, 0.4099



39.9143, 0.2740, 0.3712

Sweetspot

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



39.9159, 0.2758, 0.2588



84.5060, 0.3022, 0.3086



59.2661, 0.2751, 0.3198



17.5034, 0.3001, 0.3046



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.



39.9159, 0.2758, 0.2588



50.1475, 0.2670, 0.2426



43.2461, 0.2982, 0.2632



12.7068, 0.3003, 0.3050



3.2395, 0.1560, 0.0633



0.2392, 0.1687, 0.0703

Inverse Universe

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



45.7608, 0.3224, 0.2750



59.8296, 0.3247, 0.2640



62.8664, 0.3239, 0.3974



13.2409, 0.3160, 0.3092



11.0803, 0.3609, 0.1762



0.7269, 0.3534, 0.1720

Previews

White Background



This preview shows how the Yxy color 39.9143, 0.2758, 0.2588 looks on a white background.

Color Contrast Check

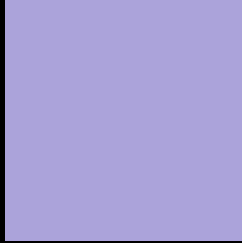
Large Text (above 18pt) WCAG AA × Fail

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 39.9143, 0.2758, 0.2588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

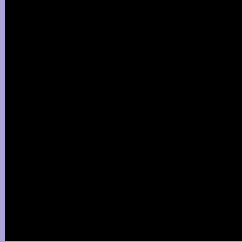
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9143, 0.2758, 0.2588

Background



This preview shows how black text looks on a background with the Yxy color 39.9143, 0.2758, 0.2588.



This preview shows how white text looks on a background with the Yxy color 39.9143, 0.2758, 0.2588.

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

39.9143, 0.2758, 0.2588

Protanopia

39.8265, 0.2620, 0.2583

Deuteranopia

39.8593, 0.2690, 0.2624



Tritanopia

40.0609, 0.2968, 0.3110

Trichromacy



Original Color

39.9143, 0.2758, 0.2588

Protanomaly

40.0168, 0.2670, 0.2590

Deuteranomaly

39.9194, 0.2720, 0.2616

Tritanomaly

39.8384, 0.2891, 0.2900

Monochromacy



Original Color

39.9143, 0.2758, 0.2588

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.8207, 0.2989, 0.3021

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9143, 0.2758, 0.2588 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(171, 163, 218)` looks like.

```
.text, #text, p{  
    color:rgb(171, 163, 218)  
}
```

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(171, 163, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 163, 218) }
```

Border

The CSS property to change the border of an element to Yxy 39.9143, 0.2758, 0.2588 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(171, 163, 218) }
```

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

```
.border{ border-color:rgb(171, 163, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 163, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 163, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 163, 218);  
box-shadow:4px 4px 4px 4px rgb(171, 163,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9143, 0.2758, 0.2588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 163, 218) }
```

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

```
.background{ background-color: rgb(171,  
163, 218) }
```

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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