

Converting Colors

$Yxy(39.4057, 0.2790, 0.2625)$

Have a look what the booklet for
Yxy(39.4057, 0.2790, 0.2625)
contains.

Yxy(39.3536, 0.2786, 0.2620)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.3536, 0.2786, 0.2620)

Conversions

Conversions Part 1

Format	Color
Hex	ABA2D6
RGB	171, 162, 214
RGB Percent	67%, 64%, 84%
CMY	0.3295, 0.3647, 0.1608
CMYK	0.20, 0.24, 0.00, 0.16
HSL	250°, 39%, 74%
HSV	250°, 24%, 84%
XYZ	41.8470, 39.3536, 69.0040
YIQ	170.6190, -11.3280, 18.0800

Conversions

Conversions Part 2

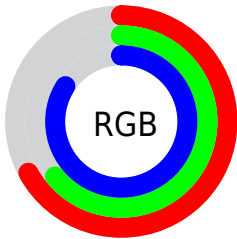
Format	Color
RYB	171, 162, 214
Decimal	11248342
CIELab	69.01, 13.97, -25.23
CIElCh	69, 28.836, 298.970
Yxy	39.3536, 0.2786, 0.2620
Android (android.graphics.Color)	4289438422 (0xFFABA2D6)
YUV	170.6190, 21.3868, 0.3341
Hunter-Lab	62.7324, 9.2904, -21.3047

Details

The Yxy color **39.3536, 0.2786, 0.2620** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **63.6833, 0.3421, 0.3907**, and the grayscale version is **40.4180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1766, 0.2952, 0.2898**, and **17.5066, 0.2682, 0.2432** is the 20% darker color. If you saturate the color by 10%, you get **30.5888, 0.2615, 0.2299**, and if you desaturate by 10%, it is **49.6709, 0.2940, 0.2917**.

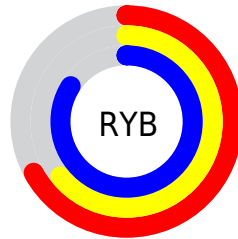
Distribution



Red (67%)

Green (64%)

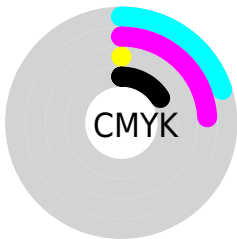
Blue (84%)



Red (67%)

Yellow (64%)

Blue (84%)

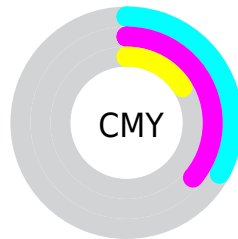


Cyan (20%)

Magenta (24%)

Yellow (0%)

Black (16%)



Cyan (33%)

Magenta (36%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3536, 0.2786, 0.2620 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 39.3536, 0.2786, 0.2620 by changing the saturation by 10% instead.

■ 39.3536, 0.2786,
0.2620

■ 39.3536, 0.2786,
0.2620

■ 343.3915, 0.2963,
0.2950

■ 27.0349, 0.2740,
0.2540

■ 74.1782, 0.2851,
0.2739

■ 17.5994, 0.2681,
0.2438

■ 97.4529, 0.2876,
0.2783

■ 10.6628, 0.2602,
0.2305

■ 125.1484, 0.2896,
0.2822

■ 5.8406, 0.2489,
0.2126

■ 157.6490, 0.2913,
0.2855

■ 2.7484, 0.2320,
0.1871

■ 195.3393, 0.2928,
0.2883

■ 1.0018, 0.2043,
0.1491

■ 238.6035, 0.2941,

■ 0.0000, 0.1152,

0.2908

0.0000

287.8261, 0.2953,
0.2930

0.0000, 0.0000,
0.0000

39.3536, 0.2786,
0.2620

39.3536, 0.2786,
0.2620

30.5888, 0.2615,
0.2299

49.6709, 0.2940,
0.2917

23.2963, 0.2429,
0.1962

61.6063, 0.3075,
0.3184

17.3960, 0.2236,
0.1625

75.2272, 0.3192,
0.3422

12.7978, 0.2046,
0.1308

90.5959, 0.3292,
0.3631

9.4013, 0.1871,
0.1034

97.6347, 0.3370,
0.3691

■ 7.0908, 0.1725,
0.0823

■ 5.7272, 0.1616,
0.0689

■ 5.2459, 0.1571,
0.0639

Harmonies

Analogous

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



39.3536, 0.2482, 0.2623



39.3536, 0.2786, 0.2620



39.3536, 0.3201, 0.2769

Triad

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



39.3536, 0.2786, 0.2620



39.3536, 0.3971, 0.3708



39.3536, 0.2635, 0.3545

Complementary

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



39.3536, 0.2786, 0.2620



63.6833, 0.3421, 0.3907

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.



39.3536, 0.3010, 0.3905



39.3536, 0.2786, 0.2620



39.3536, 0.3789, 0.3970

Square

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



39.3536, 0.2786, 0.2620



39.3536, 0.3912, 0.3371



39.3536, 0.3433, 0.4059



39.3536, 0.2399, 0.3127

Rectangle

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



39.3536, 0.2786, 0.2620



39.3536, 0.3490, 0.2937



39.3536, 0.3433, 0.4059



39.3536, 0.2748, 0.3680

Sweetspot

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



39.3552, 0.2786, 0.2620



86.4402, 0.3039, 0.3113



56.3585, 0.2762, 0.3180



18.2640, 0.3031, 0.3097



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.



39.3552, 0.2786, 0.2620



51.7304, 0.2702, 0.2462



42.5258, 0.3003, 0.2661



12.1105, 0.3008, 0.3051



3.2023, 0.1580, 0.0644



0.2252, 0.1731, 0.0727

Inverse Universe

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



44.5503, 0.3232, 0.2786



60.7542, 0.3258, 0.2681



60.3235, 0.3222, 0.3948



12.5942, 0.3164, 0.3099



10.5762, 0.3696, 0.1810



0.6478, 0.3598, 0.1756

Previews

White Background



This preview shows how the Yxy color 39.3536, 0.2786, 0.2620 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 39.3536, 0.2786, 0.2620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

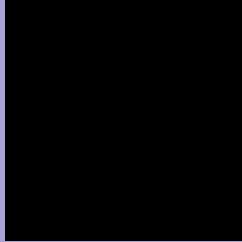
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3536, 0.2786, 0.2620

Background



This preview shows how black text looks on a background with the Yxy color 39.3536, 0.2786, 0.2620.



This preview shows how white text looks on a background with the Yxy color 39.3536, 0.2786, 0.2620.

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

39.3536, 0.2786, 0.2620

Protanopia

39.2508, 0.2644, 0.2616

Deuteranopia

39.2914, 0.2716, 0.2657



Tritanopia

39.3408, 0.2993, 0.3110

Trichromacy



Original Color

39.3536, 0.2786, 0.2620

Protanomaly

39.4452, 0.2695, 0.2622

Deuteranomaly

39.3543, 0.2747, 0.2649

Tritanomaly

39.3382, 0.2914, 0.2924

Monochromacy



Original Color

39.3536, 0.2786, 0.2620

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.2510, 0.2997, 0.3033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3536, 0.2786, 0.2620 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, 162, 214)` looks like.

```
.text, #text, p{  
    color:rgb(171, 162, 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(171, 162, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 162, 214) }
```

Border

The CSS property to change the border of an element to Yxy 39.3536, 0.2786, 0.2620 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, 162, 214) }
```

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

```
.border{ border-color:rgb(171, 162, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 162, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 162, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 162, 214);  
box-shadow:4px 4px 4px 4px rgb(171, 162,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3536, 0.2786, 0.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 162, 214) }
```

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

```
.background{ background-color: rgb(171,  
162, 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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