

Converting Colors

Yxy(41.4987, 0.3267, 0.3420)

Have a look what the booklet for
Yxy(41.4987, 0.3267, 0.3420)
contains.

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Color

Yxy(41.5787, 0.3267, 0.3427)

Conversions

Conversions Part 1

Format	Color
Hex	B2ACA2
RGB	178, 172, 162
RGB Percent	70%, 67%, 64%
CMY	0.3019, 0.3255, 0.3648
CMYK	0.00, 0.03, 0.09, 0.30
HSL	37°, 9%, 67%
HSV	37°, 9%, 70%
XYZ	39.6375, 41.5787, 40.1106
YIQ	172.6540, 6.7860, -1.8380

Conversions

Conversions Part 2

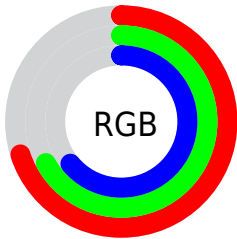
Format	Color
RYB	172, 178, 162
Decimal	11709602
CIELab	70.58, 0.37, 5.90
CIELCh	71, 5.915, 86.398
Yxy	41.5787, 0.3267, 0.3427
Android (android.graphics.Color)	4289899682 (0xFFB2ACA2)
YUV	172.6540, -5.2524, 4.6884
Hunter-Lab	64.4815, -3.1169, 8.2558

Details

The Yxy color **41.5787, 0.3267, 0.3427** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9052, 0.2990, 0.3149**, and the grayscale version is **41.6306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4403, 0.3241, 0.3396**, and **18.9187, 0.3309, 0.3480** is the 20% darker color. If you saturate the color by 10%, you get **38.5087, 0.3439, 0.3586**, and if you desaturate by 10%, it is **44.8702, 0.3113, 0.3275**.

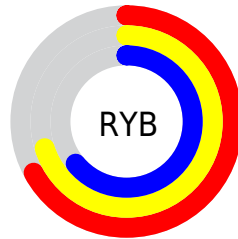
Distribution



Red (70%)

Green (67%)

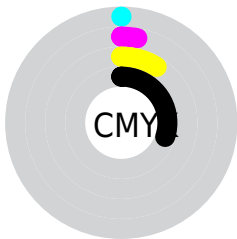
Blue (64%)



Red (67%)

Yellow (70%)

Blue (64%)

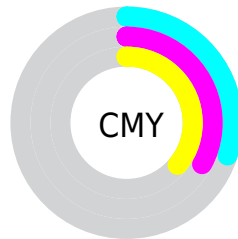


Cyan (0%)

Magenta (3%)

Yellow (9%)

Black (30%)



Cyan (30%)


Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5787, 0.3267, 0.3427 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 41.5787, 0.3267, 0.3427 by changing the saturation by 10% instead.


 41.5787, 0.3267,
0.3427


 41.5787, 0.3267,
0.3427


352.7335, 0.3196,
0.3357

 28.7715, 0.3285,
0.3445


 77.5616, 0.3241,
0.3401

 18.9081, 0.3309,
0.3468


 101.5061, 0.3231,
0.3392

 11.6039, 0.3341,
0.3499


129.9319, 0.3223,
0.3384

 6.4746, 0.3387,
0.3544

163.2234, 0.3216,
0.3377

 3.1357, 0.3458,
0.3613

201.7649, 0.3210,
0.3371

 1.2030, 0.3586,
0.3736

245.9408, 0.3204,

 0.0642, 0.5220,

0.3366

0.4780

296.1355, 0.3200,
0.3361

0.0000, 0.0000,
0.0000

41.5787, 0.3267,
0.3427

41.5787, 0.3267,
0.3427

38.5087, 0.3439,
0.3586

44.8702, 0.3113,
0.3275

35.6491, 0.3628,
0.3750

48.3831, 0.2975,
0.3133

32.9959, 0.3833,
0.3913

52.1243, 0.2853,
0.3001

30.5427, 0.4049,
0.4068

56.0988, 0.2745,
0.2880

28.2828, 0.4272,
0.4205

60.3113, 0.2649,
0.2768

■ 26.2090, 0.4492,
0.4314

■ 63.8454, 0.2636,
0.2805

■ 24.3131, 0.4698,
0.4383

■ 67.2630, 0.2645,
0.2883

■ 22.5861, 0.4879,
0.4403

■ 70.8209, 0.2654,
0.2960

■ 21.0128, 0.5031,
0.4378

■ 74.5206, 0.2662,
0.3037

Harmonies

Analogous

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



41.5787, 0.3296, 0.3378



41.5787, 0.3267, 0.3427



41.5787, 0.3200, 0.3439

Triad

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



41.5787, 0.3267, 0.3427



41.5787, 0.2978, 0.3270



41.5787, 0.3138, 0.3174

Complementary

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



41.5787, 0.3267, 0.3427



38.9052, 0.2990, 0.3149

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.



41.5787, 0.3053, 0.3145



41.5787, 0.3267, 0.3427



41.5787, 0.2961, 0.3199

Square

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



41.5787, 0.3267, 0.3427



41.5787, 0.3034, 0.3348



41.5787, 0.2989, 0.3154



41.5787, 0.3221, 0.3233

Rectangle

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



41.5787, 0.3267, 0.3427



41.5787, 0.3144, 0.3425



41.5787, 0.2989, 0.3154



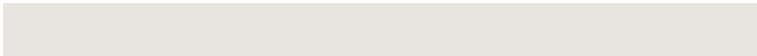
41.5787, 0.3109, 0.3160

Sweetspot

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



41.5805, 0.3267, 0.3427



78.8842, 0.3173, 0.3336



38.1353, 0.3225, 0.3206



17.3704, 0.3185, 0.3348



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.5805, 0.3267, 0.3427



74.1318, 0.3303, 0.3461



43.7079, 0.3242, 0.3509



9.3592, 0.3272, 0.3432



15.0473, 0.5034, 0.4385



0.5812, 0.4744, 0.4615

Inverse Universe

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



38.9052, 0.2990, 0.3149



68.1978, 0.2956, 0.3113



36.9276, 0.3007, 0.3064



8.7361, 0.2985, 0.3144



5.2757, 0.1672, 0.1219



0.2804, 0.1835, 0.1806

Previews

White Background



This preview shows how the Yxy color 41.5787, 0.3267, 0.3427 looks on a white background.

Color Contrast Check

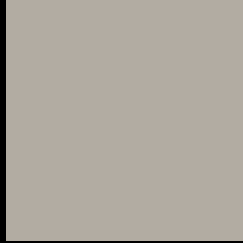
Large Text (above 18pt) WCAG AA × Fail

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 41.5787, 0.3267, 0.3427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

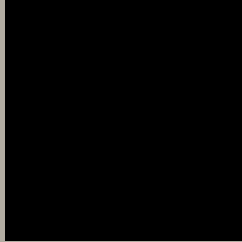
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

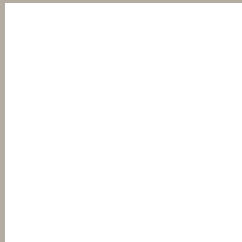
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.5787, 0.3267, 0.3427

Background



This preview shows how black text looks on a background with the Yxy color 41.5787, 0.3267, 0.3427.



This preview shows how white text looks on a background with the Yxy color 41.5787, 0.3267, 0.3427.

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

41.5787, 0.3267, 0.3427

Protanopia

41.5787, 0.3267, 0.3427

Deuteranopia

41.6192, 0.3408, 0.3343



Tritanopia

41.5771, 0.3126, 0.3118

Trichromacy



Original Color

41.5787, 0.3267, 0.3427

Protanomaly

41.5787, 0.3267, 0.3427

Deuteranomaly

41.7116, 0.3356, 0.3370

Tritanomaly

41.5479, 0.3176, 0.3223

Monochromacy



Original Color

41.5787, 0.3267, 0.3427

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.8657, 0.3178, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5787, 0.3267, 0.3427 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(178, 172, 162)` looks like.

```
.text, #text, p{  
    color:rgb(178, 172, 162)  
}
```

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(178, 172, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 172, 162) }
```

Border

The CSS property to change the border of an element to Yxy 41.5787, 0.3267, 0.3427 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(178, 172, 162) }
```

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

```
.border{ border-color:rgb(178, 172, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 172, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 172, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 172, 162);  
box-shadow:4px 4px 4px 4px rgb(178, 172,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5787, 0.3267, 0.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 172, 162) }
```

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

```
.background{ background-color: rgb(178,  
172, 162) }
```

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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