

Converting Colors

$Y_{xy}(42.2777, 0.3123, 0.3384)$

Have a look what the booklet for
Yxy(42.2777, 0.3123, 0.3384)
contains.

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Color

Yxy(42.3503, 0.3123, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	A9B0A9
RGB	169, 176, 169
RGB Percent	66%, 69%, 66%
CMY	0.3372, 0.3098, 0.3374
CMYK	0.04, 0.00, 0.04, 0.31
HSL	120°, 4%, 68%
HSV	120°, 4%, 69%
XYZ	39.0493, 42.3503, 43.6382
YIQ	173.1090, -1.9250, -3.6610

Conversions

Conversions Part 2

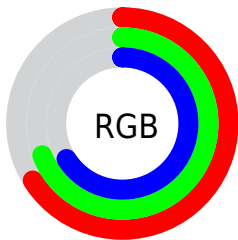
Format	Color
RYB	169, 176, 176
Decimal	11120809
CIELab	71.11, -3.78, 2.74
CIELCh	71, 4.666, 144.104
Yxy	42.3503, 0.3123, 0.3387
Android (android.graphics.Color)	4289310889 (0xFFA9B0A9)
YUV	173.1090, -2.0257, -3.6036
Hunter-Lab	65.0771, -6.7766, 5.7964

Details

The Yxy color $42.3503, 0.3123, 0.3387$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $40.7256, 0.3131, 0.3195$, and the grayscale version is $41.8602, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.9423, 0.3123, 0.3375$, and $19.4816, 0.3121, 0.3424$ is the 20% darker color. If you saturate the color by 10%, you get $39.9281, 0.3111, 0.3654$, and if you desaturate by 10%, it is $45.1238, 0.3133, 0.3154$.

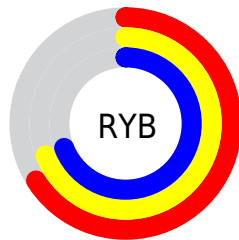
Distribution



Red (66%)

Green (69%)

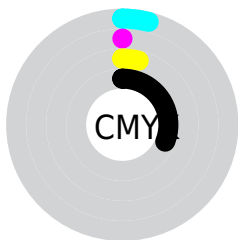
Blue (66%)



Red (66%)

Yellow (69%)

Blue (69%)

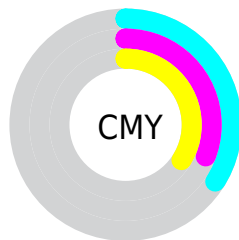


Cyan (4%)

Magenta (0%)

Yellow (4%)

Black (31%)



Cyan (34%)


Magenta (31%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3503, 0.3123, 0.3387 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 42.3503, 0.3123, 0.3387 by changing the saturation by 10% instead.


 42.3503, 0.3123,
0.3387


 42.3503, 0.3123,
0.3387

355.9330, 0.3125,
0.3338

 29.3757, 0.3122,
0.3400


 78.7295, 0.3124,
0.3369

 19.3652, 0.3121,
0.3416


 102.9029, 0.3124,
0.3362

 11.9345, 0.3120,
0.3439


131.5780, 0.3124,
0.3356

 6.6991, 0.3118,
0.3471

165.1392, 0.3125,
0.3351

 3.2746, 0.3115,
0.3521

203.9709, 0.3125,
0.3347

 1.2767, 0.3109,
0.3610

248.4575, 0.3125,

 0.1231, 0.1672,

0.3344

0.8328

298.9834, 0.3125,
0.3340

0.0000, 0.0000,
0.0000

42.3503, 0.3123,
0.3387

42.3503, 0.3123,
0.3387

39.9281, 0.3111,
0.3654

45.1238, 0.3133,
0.3154

37.8381, 0.3098,
0.3954

48.2563, 0.3141,
0.2952

36.0675, 0.3084,
0.4284

51.7617, 0.3149,
0.2779

34.6005, 0.3068,
0.4633

55.6517, 0.3155,
0.2630

33.4201, 0.3052,
0.4986

59.5317, 0.3163,
0.2517

■ 32.5075, 0.3036,
0.5319

■ 31.8419, 0.3022,
0.5605

■ 31.3991, 0.3011,
0.5819

■ 31.1503, 0.3004,
0.5948

Harmonies

Analogous

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



42.3503, 0.3189, 0.3407



42.3503, 0.3123, 0.3387



42.3503, 0.3058, 0.3340

Triad

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



42.3503, 0.3123, 0.3387



42.3503, 0.3016, 0.3185



42.3503, 0.3244, 0.3299

Complementary

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



42.3503, 0.3123, 0.3387



40.7256, 0.3131, 0.3195

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.



42.3503, 0.3196, 0.3241



42.3503, 0.3123, 0.3387



42.3503, 0.3064, 0.3175

Square

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



42.3503, 0.3123, 0.3387



42.3503, 0.2997, 0.3223



42.3503, 0.3130, 0.3196



42.3503, 0.3260, 0.3356

Rectangle

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



42.3503, 0.3123, 0.3387



42.3503, 0.3025, 0.3300



42.3503, 0.3130, 0.3196



42.3503, 0.3231, 0.3279

Sweetspot

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



42.3521, 0.3123, 0.3387



78.2397, 0.3126, 0.3314



43.0997, 0.3185, 0.3384



16.9617, 0.3126, 0.3313



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



42.3521, 0.3123, 0.3387



76.2995, 0.3122, 0.3415



42.4765, 0.3095, 0.3340



9.7064, 0.3121, 0.3428



22.7887, 0.3002, 0.5999



0.7179, 0.3009, 0.5993

Inverse Universe

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



40.7256, 0.3131, 0.3195



72.5693, 0.3132, 0.3169



40.5979, 0.3160, 0.3241



9.1844, 0.3133, 0.3156



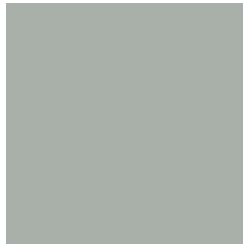
8.9784, 0.3194, 0.1533



0.2834, 0.3198, 0.1536

Previews

White Background



This preview shows how the Yxy color 42.3503, 0.3123, 0.3387 looks on a white background.

Color Contrast Check

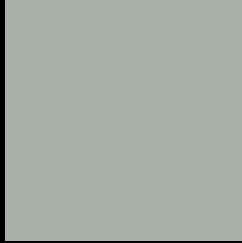
Large Text (above 18pt) WCAG AA × Fail

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 42.3503, 0.3123, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

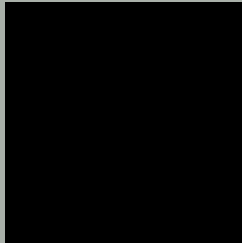
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

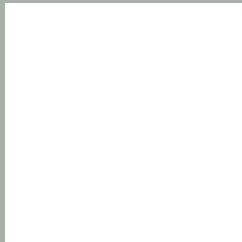
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.3503, 0.3123, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 42.3503, 0.3123, 0.3387.



This preview shows how white text looks on a background with the Yxy color 42.3503, 0.3123, 0.3387.

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

42.3503, 0.3123, 0.3387

Protanopia

42.2609, 0.3232, 0.3371

Deuteranopia

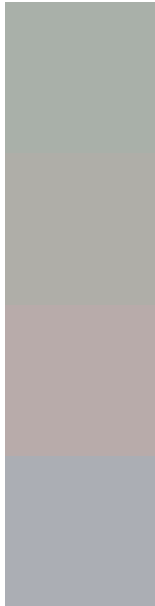
42.1520, 0.3324, 0.3252



Tritanopia

42.2457, 0.3005, 0.3102

Trichromacy



Original Color

42.3503, 0.3123, 0.3387

Protanomaly

42.2132, 0.3186, 0.3372

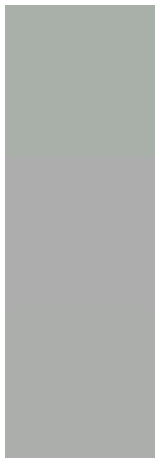
Deuteranomaly

42.2184, 0.3254, 0.3304

Tritanomaly

42.2253, 0.3052, 0.3208

Monochromacy



Original Color

42.3503, 0.3123, 0.3387

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.0213, 0.3126, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3503, 0.3123, 0.3387 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(169, 176, 169)` looks like.

```
.text, #text, p{  
    color:rgb(169, 176, 169)  
}
```

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(169, 176, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 176, 169) }
```

Border

The CSS property to change the border of an element to Yxy 42.3503, 0.3123, 0.3387 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(169, 176, 169) }
```

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

```
.border{ border-color:rgb(169, 176, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 176, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 176, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 176, 169);  
box-shadow:4px 4px 4px 4px rgb(169, 176,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3503, 0.3123, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 176, 169) }
```

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

```
.background{ background-color: rgb(169,  
176, 169) }
```

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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