

Converting Colors

$Yxy(42.5419, 0.3127, 0.3053)$

Have a look what the booklet for
Yxy(42.5419, 0.3127, 0.3053)
contains.

Yxy(42.4459, 0.3121, 0.3044)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(42.4459, 0.3121, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	BAA9BC
RGB	186, 169, 188
RGB Percent	73%, 66%, 74%
CMY	0.2705, 0.3373, 0.2627
CMYK	0.01, 0.10, 0.00, 0.26
HSL	294°, 12%, 70%
HSV	294°, 10%, 74%
XYZ	43.5196, 42.4459, 53.4757
YIQ	176.2490, 4.0330, 9.5130

Conversions

Conversions Part 2

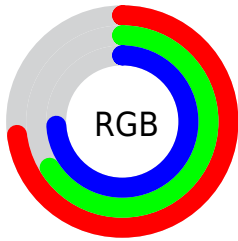
Format	Color
R _{YB}	186, 169, 188
Decimal	12233148
CIE Lab	71.18, 9.61, -7.49
CIE LCh	71, 12.186, 322.074
Yxy	42.4459, 0.3121, 0.3044
Android (android.graphics.Color)	4290423228 (0xFFBAA9BC)
YUV	176.2490, 5.7932, 8.5516
Hunter-Lab	65.1505, 5.2220, -3.0600

Details

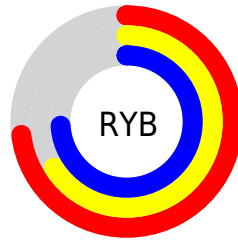
The Yxy color $42.4459, 0.3121, 0.3044$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.4853, 0.3131, 0.3546$, and the grayscale version is $43.5228, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.7202, 0.3123, 0.3088$, and $19.4584, 0.3117, 0.2972$ is the 20% darker color. If you saturate the color by 10%, you get $35.7059, 0.3112, 0.2792$, and if you desaturate by 10%, it is $50.1987, 0.3127, 0.3287$.

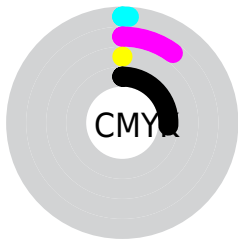
Distribution



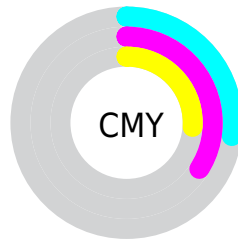
- Red (73%)
- Green (66%)
- Blue (74%)



- Red (73%)
- Yellow (66%)
- Blue (74%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (26%)




- Cyan (27%)
- Magenta (34%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.4459, 0.3121, 0.3044 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 42.4459, 0.3121, 0.3044 by changing the saturation by 10% instead.


 42.4459, 0.3121,
0.3044

 42.4459, 0.3121,
0.3044

356.3280, 0.3125,
0.3167

 29.4506, 0.3120,
0.3013


 78.8740, 0.3123,
0.3089

 19.4220, 0.3118,
0.2974


 103.0757, 0.3123,
0.3105

 11.9756, 0.3115,
0.2922


131.7815, 0.3124,
0.3120

 6.7270, 0.3110,
0.2849

165.3760, 0.3124,
0.3132

 3.2920, 0.3102,
0.2741

204.2435, 0.3124,
0.3142

 1.2860, 0.3085,
0.2562

248.7684, 0.3125,

 0.1303, 0.3106,

0.3151

0.1129

299.3351, 0.3125,
0.3160

0.0000, 0.0000,
0.0000

42.4459, 0.3121,
0.3044

42.4459, 0.3121,
0.3044

35.7059, 0.3112,
0.2792

50.1987, 0.3127,
0.3287

29.9304, 0.3101,
0.2538

58.9989, 0.3131,
0.3518

25.0754, 0.3086,
0.2290

68.8863, 0.3133,
0.3733

21.0915, 0.3069,
0.2057

79.8970, 0.3134,
0.3931

17.9245, 0.3049,
0.1849

86.8574, 0.3139,
0.4036

■ 15.5140, 0.3026,
0.1675

■ 87.1204, 0.3151,
0.4034

■ 13.7916, 0.3001,
0.1542

■ 87.3867, 0.3163,
0.4031

■ 12.6762, 0.2975,
0.1452

■ 87.6565, 0.3175,
0.4028

■ 12.0098, 0.2949,
0.1398

■ 87.9297, 0.3187,
0.4025

Harmonies

Analogous

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



42.4459, 0.2952, 0.2995



42.4459, 0.3121, 0.3044



42.4459, 0.3296, 0.3154

Triad

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



42.4459, 0.3121, 0.3044



42.4459, 0.3428, 0.3558



42.4459, 0.2836, 0.3269

Complementary

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



42.4459, 0.3121, 0.3044



47.4853, 0.3131, 0.3546

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.



42.4459, 0.2957, 0.3431



42.4459, 0.3121, 0.3044



42.4459, 0.3298, 0.3600

Square

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



42.4459, 0.3121, 0.3044



42.4459, 0.3476, 0.3447



42.4459, 0.3126, 0.3554



42.4459, 0.2791, 0.3119

Rectangle

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



42.4459, 0.3121, 0.3044



42.4459, 0.3391, 0.3249



42.4459, 0.3126, 0.3554



42.4459, 0.2869, 0.3324

Sweetspot

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



42.4477, 0.3121, 0.3044



86.6530, 0.3126, 0.3217



41.2716, 0.2972, 0.3063



18.3851, 0.3125, 0.3198



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



42.4477, 0.3121, 0.3044



74.2308, 0.3119, 0.2992



42.3901, 0.3201, 0.3138



9.6446, 0.3122, 0.3063



8.1959, 0.2952, 0.1400



0.3357, 0.3018, 0.1436

Inverse Universe

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



42.0047, 0.3285, 0.3265



73.2803, 0.3323, 0.3259



47.5468, 0.3060, 0.3447



9.5520, 0.3272, 0.3266



7.3179, 0.6262, 0.3223



0.2921, 0.5821, 0.2980

Previews

White Background



This preview shows how the Yxy color 42.4459, 0.3121, 0.3044 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 42.4459, 0.3121, 0.3044 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 42.4459, 0.3121, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 42.4459, 0.3121, 0.3044.



This preview shows how white text looks on a background with the Yxy color 42.4459, 0.3121, 0.3044.

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

42.4459, 0.3121, 0.3044

Protanopia

42.5330, 0.2982, 0.3051

Deuteranopia

42.3211, 0.3112, 0.3043



Tritanopia

42.4826, 0.3153, 0.3120

Trichromacy



Original Color

42.4459, 0.3121, 0.3044

Protanomaly

42.6877, 0.3033, 0.3053

Deuteranomaly

42.3211, 0.3112, 0.3043

Tritanomaly

42.5665, 0.3136, 0.3095

Monochromacy



Original Color

42.4459, 0.3121, 0.3044

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.8857, 0.3132, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4459, 0.3121, 0.3044 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(186, 169, 188)` looks like.

```
.text, #text, p{  
    color:rgb(186, 169, 188)  
}
```

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(186, 169, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 169, 188) }
```

Border

The CSS property to change the border of an element to Yxy 42.4459, 0.3121, 0.3044 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(186, 169, 188) }
```

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

```
.border{ border-color:rgb(186, 169, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 169, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 169, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 169, 188); box-shadow:4px 4px 4px 4px rgb(186, 169, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4459, 0.3121, 0.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 169, 188) }
```

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

```
.background{ background-color: rgb(186,  
169, 188) }
```

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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