

Converting Colors

$Yxy(43.9619, 0.3037, 0.3063)$

Have a look what the booklet for
Yxy(43.9619, 0.3037, 0.3063)
contains.

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Color

Yxy(43.7812, 0.3034, 0.3056)

Conversions

Conversions Part 1

Format	Color
Hex	B4AEC0
RGB	180, 174, 192
RGB Percent	71%, 68%, 75%
CMY	0.2942, 0.3176, 0.2471
CMYK	0.06, 0.09, 0.00, 0.25
HSL	260°, 12%, 72%
HSV	260°, 9%, 75%
XYZ	43.4660, 43.7812, 56.0159
YIQ	177.8460, -2.2020, 6.8700

Conversions

Conversions Part 2

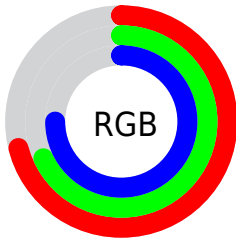
Format	Color
R _Y B	180, 174, 192
Decimal	11841216
CIE Lab	72.08, 5.55, -8.39
CIE LCh	72, 10.062, 303.506
Yxy	43.7812, 0.3034, 0.3056
Android (android.graphics.Color)	4290031296 (0xFFB4AEC0)
YUV	177.8460, 6.9779, 1.8891
Hunter-Lab	66.1674, 1.4656, -3.8765

Details

The Yxy color $43.7812, 0.3034, 0.3056$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $51.1883, 0.3215, 0.3521$, and the grayscale version is $44.3972, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.6488, 0.3055, 0.3097$, and $20.2952, 0.2999, 0.2987$ is the 20% darker color. If you saturate the color by 10%, you get $35.4179, 0.2919, 0.2782$, and if you desaturate by 10%, it is $53.3509, 0.3133, 0.3305$.

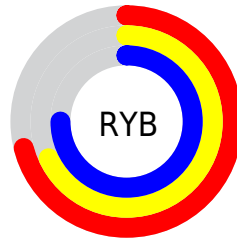
Distribution



Red (71%)

Green (68%)

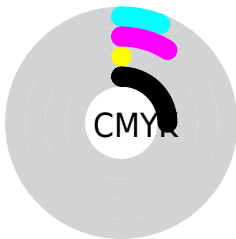
Blue (75%)



Red (71%)

Yellow (68%)

Blue (75%)

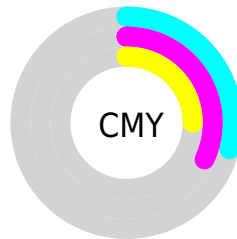


Cyan (6%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7812, 0.3034, 0.3056 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 43.7812, 0.3034, 0.3056 by changing the saturation by 10% instead.

■ 43.7812, 0.3034,
0.3056

■ 43.7812, 0.3034,
0.3056

361.8147, 0.3082,
0.3173

■ 30.4985, 0.3022,
0.3027

■ 80.8884, 0.3052,
0.3098

■ 20.2173, 0.3006,
0.2990

105.4817, 0.3058,
0.3114

■ 12.5531, 0.2985,
0.2940

134.6141, 0.3063,
0.3128

■ 7.1215, 0.2954,
0.2871

168.6698, 0.3068,
0.3139

■ 3.5382, 0.2908,
0.2768

208.0333, 0.3072,
0.3149

■ 1.4188, 0.2827,
0.2600

253.0891, 0.3076,

■ 0.2305, 0.2493,

0.3158

0.1620

304.2214, 0.3079,
0.3166

0.0000, 0.0000,
0.0000

43.7812, 0.3034,
0.3056

43.7812, 0.3034,
0.3056

35.4179, 0.2919,
0.2782

53.3509, 0.3133,
0.3305

28.2069, 0.2789,
0.2485

64.1673, 0.3218,
0.3529

22.0981, 0.2643,
0.2173

76.2756, 0.3290,
0.3728

17.0355, 0.2485,
0.1856

89.7170, 0.3350,
0.3904

12.9580, 0.2320,
0.1548

94.5806, 0.3429,
0.3925

■ 9.7981, 0.2154,
0.1267

■ 96.5848, 0.3502,
0.3910

■ 7.4792, 0.1998,
0.1032

■ 5.9120, 0.1861,
0.0856

■ 4.9384, 0.1747,
0.0739

Harmonies

Analogous

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



43.7812, 0.2917, 0.3054



43.7812, 0.3034, 0.3056



43.7812, 0.3179, 0.3117

Triad

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



43.7812, 0.3034, 0.3056



43.7812, 0.3406, 0.3459



43.7812, 0.2944, 0.3357

Complementary

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



43.7812, 0.3034, 0.3056



51.1883, 0.3215, 0.3521

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.



43.7812, 0.3071, 0.3473



43.7812, 0.3034, 0.3056



43.7812, 0.3339, 0.3530

Square

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



43.7812, 0.3034, 0.3056



43.7812, 0.3396, 0.3346



43.7812, 0.3216, 0.3537



43.7812, 0.2866, 0.3224

Rectangle

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



43.7812, 0.3034, 0.3056



43.7812, 0.3271, 0.3184



43.7812, 0.3216, 0.3537



43.7812, 0.2982, 0.3399

Sweetspot

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



43.7831, 0.3034, 0.3056



90.0329, 0.3098, 0.3216



48.0456, 0.2984, 0.3216



19.0099, 0.3090, 0.3196



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.7831, 0.3034, 0.3056



76.4339, 0.3014, 0.3008



44.8616, 0.3109, 0.3061



9.9066, 0.3034, 0.3056



3.3254, 0.1753, 0.0739



0.1818, 0.2013, 0.0883

Inverse Universe

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



45.0279, 0.3187, 0.3138



79.1046, 0.3200, 0.3107



50.1300, 0.3143, 0.3526



10.1889, 0.3187, 0.3137



8.6101, 0.4254, 0.2117



0.3843, 0.3965, 0.1958

Previews

White Background



This preview shows how the Yxy color 43.7812, 0.3034, 0.3056 looks on a white background.

Color Contrast Check

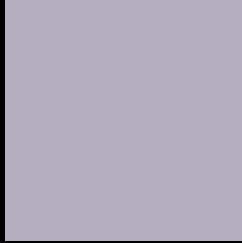
Large Text (above 18pt) WCAG AA × Fail

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 43.7812, 0.3034, 0.3056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

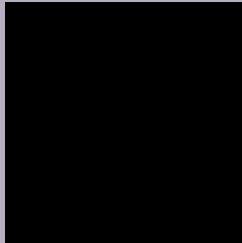
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

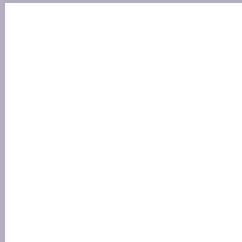
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.7812, 0.3034, 0.3056

Background



This preview shows how black text looks on a background with the Yxy color 43.7812, 0.3034, 0.3056.



This preview shows how white text looks on a background with the Yxy color 43.7812, 0.3034, 0.3056.

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

43.7812, 0.3034, 0.3056

Protanopia

43.6242, 0.2984, 0.3053

Deuteranopia

43.8756, 0.3095, 0.3034



Tritanopia

43.8745, 0.3057, 0.3119

Trichromacy



Original Color

43.7812, 0.3034, 0.3056

Protanomaly

43.8573, 0.3001, 0.3054

Deuteranomaly

43.8833, 0.3069, 0.3045

Tritanomaly

43.9178, 0.3049, 0.3107

Monochromacy



Original Color

43.7812, 0.3034, 0.3056

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4469, 0.3096, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7812, 0.3034, 0.3056 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(180, 174, 192)` looks like.

```
.text, #text, p{  
    color:rgb(180, 174, 192)  
}
```

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(180, 174, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 174, 192) }
```

Border

The CSS property to change the border of an element to Yxy 43.7812, 0.3034, 0.3056 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(180, 174, 192) }
```

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

```
.border{ border-color:rgb(180, 174, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 174, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 174, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 174, 192);  
box-shadow:4px 4px 4px 4px rgb(180, 174,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7812, 0.3034, 0.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 174, 192) }
```

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

```
.background{ background-color: rgb(180,  
174, 192) }
```

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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