

Converting Colors

$Y_{xy}(44.5775, 0.3026, 0.3229)$

Have a look what the booklet for
Yxy(44.5775, 0.3026, 0.3229)
contains.

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Color

Yxy(44.4715, 0.3028, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	ACB3B8
RGB	172, 179, 184
RGB Percent	67%, 70%, 72%
CMY	0.3256, 0.2980, 0.2784
CMYK	0.07, 0.03, 0.00, 0.28
HSL	205°, 8%, 70%
HSV	205°, 7%, 72%
XYZ	41.7809, 44.4715, 51.7293
YIQ	177.4770, -5.7770, 0.0710

Conversions

Conversions Part 2

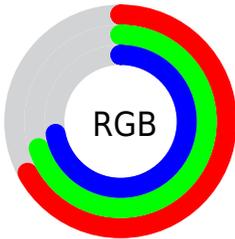
Format	Color
R _Y B	172, 176, 184
Decimal	11318200
CIE Lab	72.54, -1.47, -3.40
CIE LCh	73, 3.705, 246.554
Yxy	44.4715, 0.3028, 0.3223
Android (android.graphics.Color)	4289508280 (0xFFACB3B8)
YUV	177.4770, 3.2158, -4.8033
Hunter-Lab	66.6870, -4.8680, 0.6894

Details

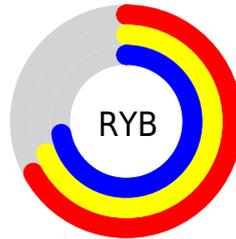
The Yxy color **44.4715, 0.3028, 0.3223** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.5989, 0.3230, 0.3356**, and the grayscale version is **44.2144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0388, 0.3044, 0.3238**, and **20.5535, 0.3003, 0.3198** is the 20% darker color. If you saturate the color by 10%, you get **39.5573, 0.2873, 0.3111**, and if you desaturate by 10%, it is **49.8472, 0.3179, 0.3324**.

Distribution



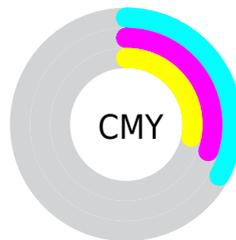
- Red (67%)
- Green (70%)
- Blue (72%)



- Red (67%)
- Yellow (69%)
- Blue (72%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (33%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4715, 0.3028, 0.3223 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 44.4715, 0.3028, 0.3223 by changing the saturation by 10% instead.

■ 44.4715, 0.3028,
0.3223

■ 44.4715, 0.3028,
0.3223

364.6289, 0.3078,
0.3257

■ 31.0414, 0.3015,
0.3214

■ 81.9268, 0.3046,
0.3235

■ 20.6303, 0.2999,
0.3203

106.7207, 0.3053,
0.3240

■ 12.8541, 0.2978,
0.3188

136.0713, 0.3059,
0.3244

■ 7.3281, 0.2947,
0.3167

170.3630, 0.3064,
0.3247

■ 3.6681, 0.2901,
0.3135

209.9803, 0.3068,
0.3250

■ 1.4897, 0.2823,
0.3080

255.3074, 0.3072,

■ 0.2815, 0.2190,

0.3253

0.2663

306.7288, 0.3075,
0.3255

0.0000, 0.0000,
0.0000

44.4715, 0.3028,
0.3223

44.4715, 0.3028,
0.3223

39.5573, 0.2873,
0.3111

49.8472, 0.3179,
0.3324

35.0845, 0.2717,
0.2988

55.6924, 0.3324,
0.3413

31.0396, 0.2562,
0.2854

62.0223, 0.3462,
0.3492

27.4062, 0.2412,
0.2709

68.8492, 0.3593,
0.3562

24.1665, 0.2271,
0.2557

74.4429, 0.3647,
0.3632

■ 21.3012, 0.2143,
0.2399

■ 78.4750, 0.3626,
0.3707

■ 18.7889, 0.2033,
0.2239

■ 82.6917, 0.3606,
0.3781

■ 16.6050, 0.1943,
0.2079

■ 87.0953, 0.3587,
0.3853

■ 14.7176, 0.1875,
0.1924

■ 91.6881, 0.3567,
0.3923

Harmonies

Analogous

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



44.4715, 0.3029, 0.3262



44.4715, 0.3028, 0.3223



44.4715, 0.3053, 0.3202

Triad

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



44.4715, 0.3028, 0.3223



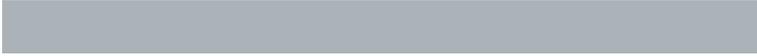
44.4715, 0.3199, 0.3270



44.4715, 0.3155, 0.3378

Complementary

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



44.4715, 0.3028, 0.3223



44.5989, 0.3230, 0.3356

Split Complementary

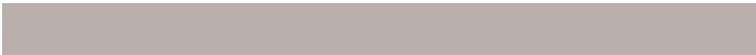
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



44.4715, 0.3201, 0.3379



44.4715, 0.3028, 0.3223



44.4715, 0.3227, 0.3317

Square

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



44.4715, 0.3028, 0.3223



44.4715, 0.3152, 0.3229



44.4715, 0.3227, 0.3357



44.4715, 0.3102, 0.3352

Rectangle

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



44.4715, 0.3028, 0.3223



44.4715, 0.3082, 0.3201



44.4715, 0.3227, 0.3357



44.4715, 0.3172, 0.3381

Sweetspot

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



44.4734, 0.3028, 0.3223



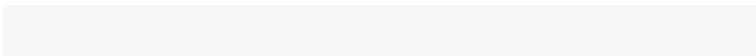
84.9004, 0.3097, 0.3270



46.2153, 0.3082, 0.3387



18.3250, 0.3098, 0.3271



93.3107, 0.3127, 0.3290



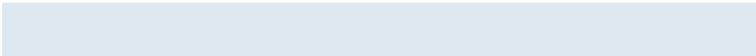
18.7317, 0.3127, 0.3290

Same Dimension

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



44.4734, 0.3028, 0.3223



79.1396, 0.3003, 0.3206



42.1841, 0.3029, 0.3144



9.5689, 0.2985, 0.3193



9.8681, 0.1858, 0.1890



0.4669, 0.1969, 0.2290

Inverse Universe

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



42.9414, 0.3176, 0.3198



75.7463, 0.3189, 0.3175



46.9522, 0.3224, 0.3432



9.0980, 0.3199, 0.3157



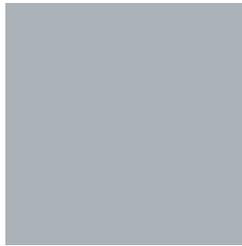
7.7785, 0.4579, 0.2296



0.2862, 0.4137, 0.2053

Previews

White Background



This preview shows how the Yxy color 44.4715, 0.3028, 0.3223 looks on a white background.

Color Contrast Check

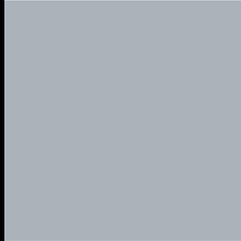
Large Text (above 18pt) WCAG AA × Fail

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 44.4715, 0.3028, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

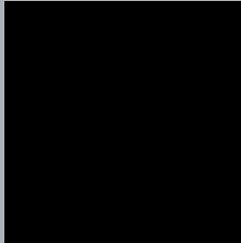
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

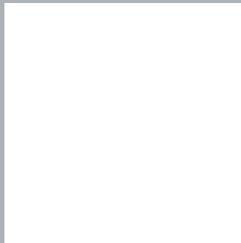
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4715, 0.3028, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 44.4715, 0.3028, 0.3223.



This preview shows how white text looks on a background with the Yxy color 44.4715, 0.3028, 0.3223.

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

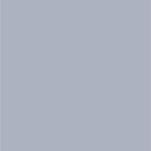
44.4715, 0.3028, 0.3223

Protanopia

44.4469, 0.3096, 0.3211

Deuteranopia

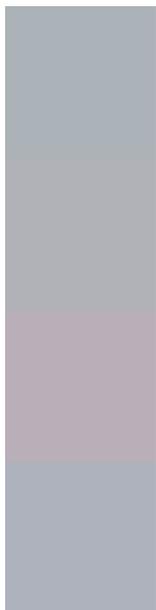
44.2143, 0.3197, 0.3124



Tritanopia

44.5308, 0.2975, 0.3105

Trichromacy



Original Color

44.4715, 0.3028, 0.3223

Protanomaly

44.4898, 0.3070, 0.3224

Deuteranomaly

44.4770, 0.3133, 0.3160

Tritanomaly

44.3991, 0.2998, 0.3144

Monochromacy



Original Color

44.4715, 0.3028, 0.3223

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.2500, 0.3085, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4715, 0.3028, 0.3223 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(172, 179, 184)` looks like.

```
.text, #text, p{  
    color:rgb(172, 179, 184)  
}
```

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(172, 179, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 179, 184) }
```

Border

The CSS property to change the border of an element to Yxy 44.4715, 0.3028, 0.3223 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(172, 179, 184) }
```

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

```
.border{ border-color:rgb(172, 179, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 179, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 179, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 179, 184);  
box-shadow:4px 4px 4px 4px rgb(172, 179,  
184) }
```

Background

The CSS property to change the background color of an element to Yxy 44.4715, 0.3028, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 179, 184) }
```

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

```
.background{ background-color: rgb(172,  
179, 184) }
```

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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