

Converting Colors

$Yxy(44.2665, 0.3022, 0.3089)$

Have a look what the booklet for
Yxy(44.2665, 0.3022, 0.3089)
contains.

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Color

Yxy(44.2772, 0.3025, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	B2B0BF
RGB	178, 176, 191
RGB Percent	70%, 69%, 75%
CMY	0.3019, 0.3098, 0.2511
CMYK	0.07, 0.08, 0.00, 0.25
HSL	248°, 10%, 72%
HSV	248°, 8%, 75%
XYZ	43.2898, 44.2772, 55.5397
YIQ	178.3080, -3.6230, 5.0890

Conversions

Conversions Part 2

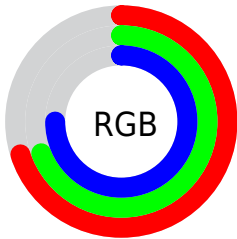
Format	Color
RYB	178, 176, 191
Decimal	11710655
CIELab	72.41, 3.60, -7.36
CIELCh	72, 8.199, 296.085
Yxy	44.2772, 0.3025, 0.3094
Android (android.graphics.Color)	4289900735 (0xFFB2B0BF)
YUV	178.3080, 6.2572, -0.2701
Hunter-Lab	66.5411, -0.3199, -2.9086

Details

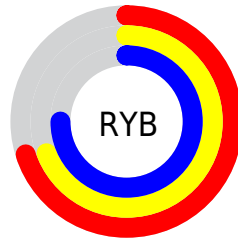
The Yxy color $44.2772, 0.3025, 0.3094$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $51.1989, 0.3225, 0.3481$, and the grayscale version is $44.6615, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.9211, 0.3048, 0.3137$, and $20.6103, 0.2986, 0.3039$ is the 20% darker color. If you saturate the color by 10%, you get $35.4703, 0.2878, 0.2817$, and if you desaturate by 10%, it is $54.3769, 0.3153, 0.3341$.

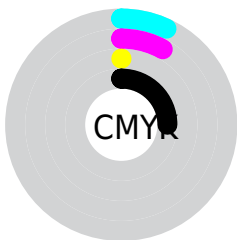
Distribution



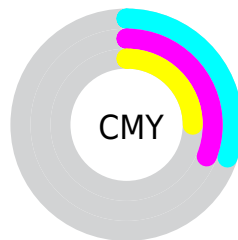
- Red (70%)
- Green (69%)
- Blue (75%)



- Red (70%)
- Yellow (69%)
- Blue (75%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (25%)



- Cyan (30%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2772, 0.3025, 0.3094 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 44.2772, 0.3025, 0.3094 by changing the saturation by 10% instead.

■ 44.2772, 0.3025,
0.3094

■ 44.2772, 0.3025,
0.3094

363.8383, 0.3077,
0.3192

■ 30.8885, 0.3012,
0.3070

■ 81.6347, 0.3044,
0.3130

■ 20.5140, 0.2995,
0.3038

106.3723, 0.3051,
0.3143

■ 12.7692, 0.2972,
0.2996

135.6616, 0.3057,
0.3154

■ 7.2698, 0.2940,
0.2938

169.8871, 0.3062,
0.3164

■ 3.6314, 0.2890,
0.2851

209.4331, 0.3067,
0.3172

■ 1.4696, 0.2807,
0.2707

254.6840, 0.3070,

■ 0.2672, 0.2417,

0.3180

0.1888

306.0243, 0.3074,
0.3186

0.0000, 0.0000,
0.0000

44.2772, 0.3025,
0.3094

44.2772, 0.3025,
0.3094

35.4703, 0.2878,
0.2817

54.3769, 0.3153,
0.3341

27.8986, 0.2712,
0.2511

65.8130, 0.3264,
0.3558

21.5082, 0.2530,
0.2182

78.6338, 0.3359,
0.3747

16.2394, 0.2336,
0.1842

92.8835, 0.3440,
0.3911

12.0269, 0.2139,
0.1507

96.5405, 0.3508,
0.3920

■ 8.7987, 0.1951,
0.1200

■ 6.4739, 0.1785,
0.0944

■ 4.9584, 0.1655,
0.0758

■ 4.1152, 0.1566,
0.0647

Harmonies

Analogous

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



44.2772, 0.2939, 0.3106



44.2772, 0.3025, 0.3094



44.2772, 0.3140, 0.3133

Triad

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



44.2772, 0.3025, 0.3094



44.2772, 0.3357, 0.3408



44.2772, 0.3001, 0.3370

Complementary

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



44.2772, 0.3025, 0.3094



51.1989, 0.3225, 0.3481

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.



44.2772, 0.3111, 0.3455



44.2772, 0.3025, 0.3094



44.2772, 0.3318, 0.3475

Square

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



44.2772, 0.3025, 0.3094



44.2772, 0.3333, 0.3311



44.2772, 0.3227, 0.3494



44.2772, 0.2925, 0.3263

Rectangle

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



44.2772, 0.3025, 0.3094



44.2772, 0.3218, 0.3182



44.2772, 0.3227, 0.3494



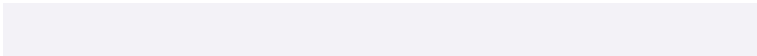
44.2772, 0.3035, 0.3402

Sweetspot

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



44.2791, 0.3025, 0.3094



89.5484, 0.3102, 0.3241



49.3767, 0.3008, 0.3264



19.7048, 0.3103, 0.3244



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.



44.2791, 0.3025, 0.3094



77.1432, 0.3007, 0.3060



45.1867, 0.3089, 0.3098



9.2853, 0.3004, 0.3054



2.6346, 0.1558, 0.0632



0.1234, 0.1733, 0.0728

Inverse Universe

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



45.7970, 0.3152, 0.3126



80.2893, 0.3157, 0.3098



50.2686, 0.3163, 0.3484



9.6736, 0.3158, 0.3094



9.0803, 0.3576, 0.1744



0.3619, 0.3476, 0.1689

Previews

White Background



This preview shows how the Yxy color 44.2772, 0.3025, 0.3094 looks on a white background.

Color Contrast Check

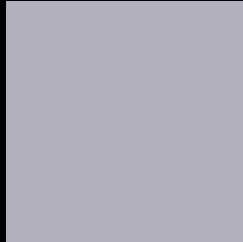
Large Text (above 18pt) WCAG AA × Fail

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 44.2772, 0.3025, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

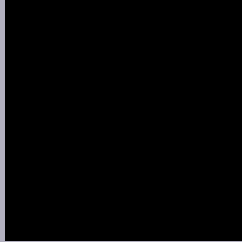
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

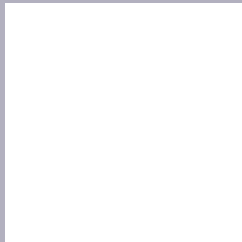
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2772, 0.3025, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 44.2772, 0.3025, 0.3094.

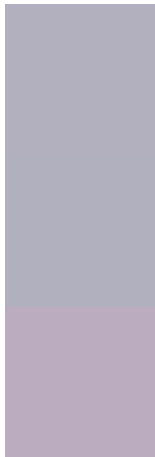


This preview shows how white text looks on a background with the Yxy color 44.2772, 0.3025, 0.3094.

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

44.2772, 0.3025, 0.3094

Protanopia

44.1594, 0.3016, 0.3093

Deuteranopia

44.0022, 0.3104, 0.3035



Tritanopia

44.2334, 0.3032, 0.3106

Trichromacy



Original Color

44.2772, 0.3025, 0.3094

Protanomaly

44.1594, 0.3016, 0.3093

Deuteranomaly

43.8833, 0.3069, 0.3045

Tritanomaly

44.2334, 0.3032, 0.3106

Monochromacy



Original Color

44.2772, 0.3025, 0.3094

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3282, 0.3088, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2772, 0.3025, 0.3094 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, 176, 191)` looks like.

```
.text, #text, p{  
    color:rgb(178, 176, 191)  
}
```

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, 176, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 176, 191) }
```

Border

The CSS property to change the border of an element to Yxy 44.2772, 0.3025, 0.3094 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, 176, 191) }
```

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

```
.border{ border-color:rgb(178, 176, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 176, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 176, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 176, 191);  
box-shadow:4px 4px 4px 4px rgb(178, 176,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2772, 0.3025, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 176, 191) }
```

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

```
.background{ background-color: rgb(178,  
176, 191) }
```

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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