

Converting Colors

Yxy(44.8795, 0.3180, 0.3424)

Have a look what the booklet for
Yxy(44.8795, 0.3180, 0.3424)
contains.

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Color

Yxy(44.8919, 0.3181, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	B1B4AA
RGB	177, 180, 170
RGB Percent	69%, 71%, 67%
CMY	0.3060, 0.2941, 0.3332
CMYK	0.02, 0.00, 0.06, 0.29
HSL	78°, 6%, 69%
HSV	78°, 6%, 71%
XYZ	41.7059, 44.8919, 44.5117
YIQ	177.9630, 1.4220, -3.7460

Conversions

Conversions Part 2

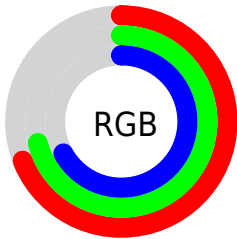
Format	Color
RYB	170, 180, 173
Decimal	11646122
CIELab	72.82, -2.90, 4.70
CIELCh	73, 5.527, 121.655
Yxy	44.8919, 0.3181, 0.3424
Android (android.graphics.Color)	4289836202 (0xFFB1B4AA)
YUV	177.9630, -3.9258, -0.8446
Hunter-Lab	67.0014, -6.1427, 7.5123

Details

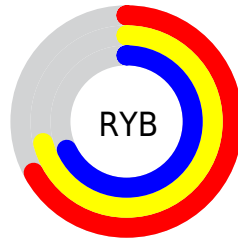
The Yxy color `44.8919, 0.3181, 0.3424` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `40.9486, 0.3071, 0.3155`, and the grayscale version is `44.5207, 0.3127, 0.3290`.

A 20% lighter version of the original color is `82.7508, 0.3176, 0.3404`, and `20.7718, 0.3191, 0.3457` is the 20% darker color. If you saturate the color by 10%, you get `43.6281, 0.3279, 0.3678`, and if you desaturate by 10%, it is `46.2787, 0.3085, 0.3186`.

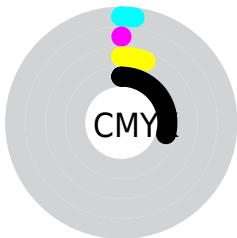
Distribution



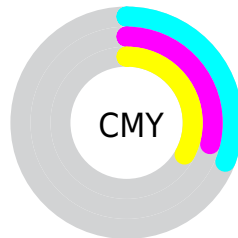
- Red (69%)
- Green (71%)
- Blue (67%)



- Red (67%)
- Yellow (71%)
- Blue (68%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8919, 0.3181, 0.3424 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 44.8919, 0.3181, 0.3424 by changing the saturation by 10% instead.

■ 44.8919, 0.3181,
0.3424

■ 44.8919, 0.3181,
0.3424

366.3356, 0.3154,
0.3356

■ 31.3723, 0.3188,
0.3441

■ 82.5582, 0.3171,
0.3399

■ 20.8825, 0.3196,
0.3464

107.4736, 0.3168,
0.3390

■ 13.0381, 0.3208,
0.3494

136.9565, 0.3164,
0.3382

■ 7.4548, 0.3224,
0.3536

171.3911, 0.3162,
0.3375

■ 3.7481, 0.3248,
0.3601

211.1620, 0.3160,
0.3370

■ 1.5337, 0.3287,
0.3713

256.6534, 0.3157,

■ 0.3123, 0.4114,

0.3365

0.5684

308.2498, 0.3156,
0.3360

0.0000, 0.0000,
0.0000

44.8919, 0.3181,
0.3424

44.8919, 0.3181,
0.3424

43.6281, 0.3279,
0.3678

46.2787, 0.3085,
0.3186

42.4774, 0.3376,
0.3945

47.7865, 0.2992,
0.2967

41.4375, 0.3469,
0.4217

49.4210, 0.2904,
0.2766

40.5036, 0.3552,
0.4488

51.1855, 0.2822,
0.2585

39.6708, 0.3621,
0.4745

52.7549, 0.2777,
0.2468

■ 38.9335, 0.3671,
0.4978

■ 53.5444, 0.2817,
0.2477

■ 38.2857, 0.3699,
0.5175

■ 54.3614, 0.2858,
0.2486

■ 37.7201, 0.3701,
0.5327

■ 55.2062, 0.2899,
0.2496

■ 37.2281, 0.3680,
0.5432

■ 56.0791, 0.2940,
0.2505

Harmonies

Analogous

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



44.8919, 0.3246, 0.3419



44.8919, 0.3181, 0.3424



44.8919, 0.3102, 0.3392

Triad

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



44.8919, 0.3181, 0.3424



44.8919, 0.2978, 0.3198



44.8919, 0.3224, 0.3249

Complementary

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



44.8919, 0.3181, 0.3424



40.9486, 0.3071, 0.3155

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.



44.8919, 0.3151, 0.3192



44.8919, 0.3181, 0.3424



44.8919, 0.3009, 0.3162

Square

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



44.8919, 0.3181, 0.3424



44.8919, 0.2985, 0.3260



44.8919, 0.3072, 0.3160



44.8919, 0.3271, 0.3318

Rectangle

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



44.8919, 0.3181, 0.3424



44.8919, 0.3053, 0.3353



44.8919, 0.3072, 0.3160



44.8919, 0.3202, 0.3228

Sweetspot

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



44.8938, 0.3181, 0.3424



82.2485, 0.3147, 0.3339



42.5044, 0.3215, 0.3330



17.7827, 0.3146, 0.3336



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



44.8938, 0.3181, 0.3424



81.0165, 0.3196, 0.3463



44.3235, 0.3138, 0.3426



9.8273, 0.3200, 0.3471



25.8739, 0.3673, 0.5466



0.8429, 0.3824, 0.5346

Inverse Universe

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



40.9486, 0.3071, 0.3155



71.9260, 0.3055, 0.3115



41.5233, 0.3115, 0.3157



8.6746, 0.3051, 0.3106



2.8938, 0.1720, 0.0721



0.1224, 0.2048, 0.0902

Previews

White Background



This preview shows how the Yxy color 44.8919, 0.3181, 0.3424 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 44.8919, 0.3181, 0.3424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

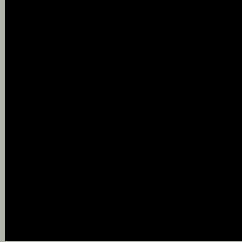
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

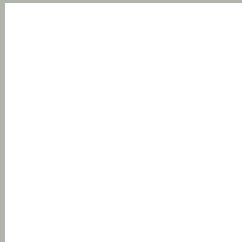
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.8919, 0.3181, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 44.8919, 0.3181, 0.3424.



This preview shows how white text looks on a background with the Yxy color 44.8919, 0.3181, 0.3424.

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

44.8919, 0.3181, 0.3424

Protanopia

44.8957, 0.3254, 0.3409

Deuteranopia

44.8715, 0.3363, 0.3303



Tritanopia

44.9092, 0.3041, 0.3108

Trichromacy



Original Color

44.8919, 0.3181, 0.3424

Protanomaly

44.9285, 0.3226, 0.3423

Deuteranomaly

44.9381, 0.3294, 0.3355

Tritanomaly

44.8434, 0.3096, 0.3224

Monochromacy



Original Color

44.8919, 0.3181, 0.3424

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.8003, 0.3151, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8919, 0.3181, 0.3424 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(177, 180, 170)` looks like.

```
.text, #text, p{  
    color:rgb(177, 180, 170)  
}
```

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(177, 180, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 180, 170) }
```

Border

The CSS property to change the border of an element to Yxy 44.8919, 0.3181, 0.3424 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(177, 180, 170) }
```

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

```
.border{ border-color:rgb(177, 180, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 180, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 180, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 180, 170);  
box-shadow:4px 4px 4px 4px rgb(177, 180,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8919, 0.3181, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 180, 170) }
```

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

```
.background{ background-color: rgb(177,  
180, 170) }
```

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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