

Converting Colors

$Yxy(44.3988, 0.3306, 0.3519)$

Have a look what the booklet for
Yxy(44.3988, 0.3306, 0.3519)
contains.

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Color

Yxy(44.3591, 0.3303, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	B6B2A1
RGB	182, 178, 161
RGB Percent	71%, 70%, 63%
CMY	0.2862, 0.3020, 0.3686
CMYK	0.00, 0.02, 0.12, 0.29
HSL	49°, 13%, 67%
HSV	49°, 12%, 71%
XYZ	41.6481, 44.3591, 40.0846
YIQ	177.2580, 7.8410, -4.4390

Conversions

Conversions Part 2

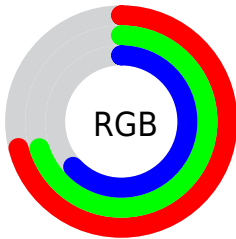
Format	Color
RYB	166, 182, 161
Decimal	11973281
CIELab	72.47, -1.56, 9.19
CIELCh	72, 9.321, 99.607
Yxy	44.3591, 0.3303, 0.3518
Android (android.graphics.Color)	4290163361 (0xFFB6B2A1)
YUV	177.2580, -8.0152, 4.1587
Hunter-Lab	66.6026, -4.9345, 10.9383

Details

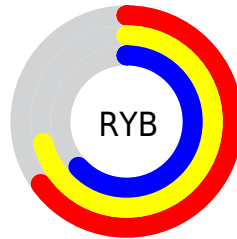
The Yxy color $44.3591, 0.3303, 0.3518$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $37.8732, 0.2949, 0.3051$, and the grayscale version is $44.1512, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.9806, 0.3269, 0.3477$, and $20.4385, 0.3360, 0.3586$ is the 20% darker color. If you saturate the color by 10%, you get $42.3967, 0.3466, 0.3723$, and if you desaturate by 10%, it is $46.4541, 0.3150, 0.3320$.

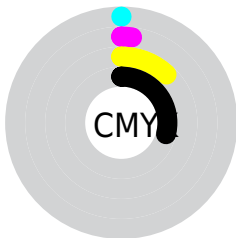
Distribution



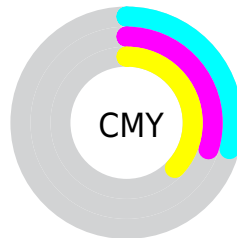
- Red (71%)
- Green (70%)
- Blue (63%)



- Red (65%)
- Yellow (71%)
- Blue (63%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)
- Black (29%)





- Cyan (29%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3591, 0.3303, 0.3518 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 44.3591, 0.3303, 0.3518 by changing the saturation by 10% instead.


 44.3591, 0.3303,
0.3518

 44.3591, 0.3303,
0.3518


364.1717, 0.3215,
0.3403

 30.9529, 0.3325,
0.3547

 81.7578, 0.3271,
0.3476

 20.5630, 0.3354,
0.3585


 106.5192, 0.3259,
0.3460

 12.8049, 0.3392,
0.3636

135.8343, 0.3248,
0.3447

 7.2944, 0.3446,
0.3708

170.0878, 0.3240,
0.3435

 3.6469, 0.3527,
0.3817

209.6638, 0.3232,
0.3426

 1.4781, 0.3664,
0.4005

254.9469, 0.3226,

 0.2732, 0.4480,

0.3417

0.5520

306.3214, 0.3220,
0.3409

0.0000, 0.0000,
0.0000

44.3591, 0.3303,
0.3518

44.3591, 0.3303,
0.3518

42.3967, 0.3466,
0.3723

46.4541, 0.3150,
0.3320

40.5567, 0.3637,
0.3929

48.6798, 0.3008,
0.3132

38.8365, 0.3812,
0.4130

51.0421, 0.2879,
0.2956

37.2312, 0.3984,
0.4317

53.5445, 0.2762,
0.2793

35.7355, 0.4147,
0.4481

56.1906, 0.2656,
0.2643

■ 34.3432, 0.4294,
0.4610

■ 57.9648, 0.2643,
0.2653

■ 33.0477, 0.4417,
0.4698

■ 59.5845, 0.2648,
0.2694

■ 31.8408, 0.4513,
0.4740

■ 61.2411, 0.2652,
0.2735

■ 30.8766, 0.4577,
0.4748

■ 62.9349, 0.2656,
0.2776

Harmonies

Analogous

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



44.3591, 0.3377, 0.3464



44.3591, 0.3303, 0.3518



44.3591, 0.3183, 0.3510

Triad

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



44.3591, 0.3303, 0.3518



44.3591, 0.2879, 0.3206



44.3591, 0.3202, 0.3147

Complementary

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



44.3591, 0.3303, 0.3518



37.8732, 0.2949, 0.3051

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.



44.3591, 0.3068, 0.3081



44.3591, 0.3303, 0.3518



44.3591, 0.2883, 0.3112

Square

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



44.3591, 0.3303, 0.3518



44.3591, 0.2939, 0.3327



44.3591, 0.2951, 0.3068



44.3591, 0.3318, 0.3250

Rectangle

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



44.3591, 0.3303, 0.3518



44.3591, 0.3093, 0.3469



44.3591, 0.2951, 0.3068



44.3591, 0.3157, 0.3120

Sweetspot

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



44.3610, 0.3303, 0.3518



83.6150, 0.3172, 0.3349



38.1613, 0.3292, 0.3233



18.3991, 0.3184, 0.3365



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.



44.3610, 0.3303, 0.3518



79.4265, 0.3346, 0.3573



45.2342, 0.3241, 0.3575



10.2034, 0.3268, 0.3474



21.8916, 0.4571, 0.4752



0.8479, 0.4457, 0.4843

Inverse Universe

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



37.8732, 0.2949, 0.3051



65.1952, 0.2905, 0.2991



37.1168, 0.3005, 0.2999



8.9902, 0.2984, 0.3100



3.3014, 0.1556, 0.0800



0.2006, 0.1683, 0.1257

Previews

White Background



This preview shows how the Yxy color 44.3591, 0.3303, 0.3518 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 44.3591, 0.3303, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

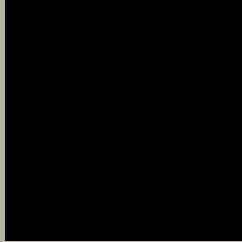
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3591, 0.3303, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 44.3591, 0.3303, 0.3518.



This preview shows how white text looks on a background with the Yxy color 44.3591, 0.3303, 0.3518.

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

44.3591, 0.3303, 0.3518

Protanopia

44.3318, 0.3332, 0.3503

Deuteranopia

44.1520, 0.3484, 0.3406



Tritanopia

44.3420, 0.3118, 0.3110

Trichromacy



Original Color

44.3591, 0.3303, 0.3518

Protanomaly

44.2078, 0.3323, 0.3504

Deuteranomaly

44.3501, 0.3412, 0.3446

Tritanomaly

44.1886, 0.3191, 0.3251

Monochromacy



Original Color

44.3591, 0.3303, 0.3518

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.9683, 0.3194, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3591, 0.3303, 0.3518 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(182, 178, 161)` looks like.

```
.text, #text, p{  
    color:rgb(182, 178, 161)  
}
```

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(182, 178, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 178, 161) }
```

Border

The CSS property to change the border of an element to Yxy 44.3591, 0.3303, 0.3518 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(182, 178, 161) }
```

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

```
.border{ border-color:rgb(182, 178, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 178, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 178, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 178, 161);  
box-shadow:4px 4px 4px 4px rgb(182, 178,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3591, 0.3303, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 178, 161) }
```

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

```
.background{ background-color: rgb(182,  
178, 161) }
```

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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