Converting Colors

Yxy(42.9251, 0.3172, 0.3476)

Have a look what the booklet for Yxy(42.9251, 0.3172, 0.3476) contains.

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Color

Yxy(43.0672, 0.3171, 0.3483)

Conversions

Conversions Part 1

Format	Color
Hex	AAB2A4
RGB	170, 178, 164
RGB Percent	67%, 70%, 64%
CMY	0.3331, 0.3020, 0.3568
CMYK	0.04, 0.00, 0.08, 0.30
HSL	94°, 8%, 67%
HSV	94°, 8%, 70%
XYZ	39.2093, 43.0672, 41.3732
YIQ	174.0120, -0.2740, -6.0500

Conversions

Conversions Part 2

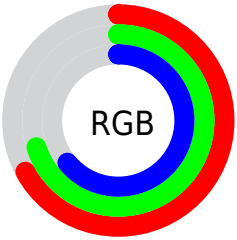
Format	Color
RYB	164, 178, 172
Decimal	11186852
CIELab	71.60, -5.38, 6.18
CIELCh	72, 8.190, 131.061
Yxy	43.0672, 0.3171, 0.3483
Android (android.graphics.Color)	4289376932 (0xFFAAB2A4)
YUV	174.0120, -4.9359, -3.5185
Hunter-Lab	65.6256, -8.1964, 8.5590

Details

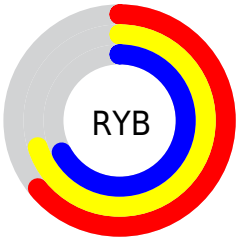
The Yxy color 43.0672, 0.3171, 0.3483 is a light color, and the websafe version is hex 999999. A complement of this color would be 38.5324, 0.3080, 0.3098, and the grayscale version is 42.3656, 0.3127, 0.3290.

A 20% lighter version of the original color is 79.9677, 0.3160, 0.3450, and 19.6886, 0.3188, 0.3540 is the 20% darker color. If you saturate the color by 10%, you get 41.3877, 0.3226, 0.3749, and if you desaturate by 10%, it is 44.9268, 0.3115, 0.3240.

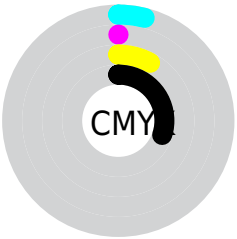
Distribution



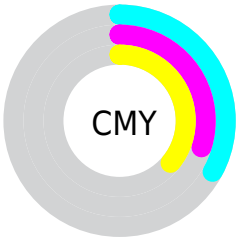
- Red (67%)
- Green (70%)
- Blue (64%)



- Red (64%)
- Yellow (70%)
- Blue (67%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (30%)



- Cyan (33%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0672, 0.3171, 0.3483 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 43.0672, 0.3171, 0.3483 by changing the saturation by 10% instead.

43.0672, 0.3171, 0.3483

358.8881, 0.3149, 0.3384

79.8123, 0.3163, 0.3447

104.1967, 0.3160, 0.3433

133.1017, 0.3158, 0.3422

166.9116, 0.3156, 0.3412

206.0108, 0.3154, 0.3404

250.7837, 0.3152,

43.0672, 0.3171, 0.3483

29.9378, 0.3176, 0.3508

19.7914, 0.3183, 0.3542

12.2435, 0.3192, 0.3587

6.9097, 0.3205, 0.3651

3.4057, 0.3223, 0.3752

1.3470, 0.3251, 0.3929

0.1772, 0.1731,

0.3396

0.8269

301.6146, 0.3151, 0.3390

0.0000, 0.0000, 0.0000

43.0672, 0.3171, 0.3483

43.0672, 0.3171, 0.3483

41.3877, 0.3226, 0.3749

44.9268, 0.3115, 0.3240

39.8770, 0.3278, 0.4035

46.9664, 0.3060, 0.3020

38.5312, 0.3324, 0.4335

49.1928, 0.3007, 0.2823

37.3437, 0.3360, 0.4640

51.6110, 0.2957, 0.2648

36.3079, 0.3383, 0.4937

54.2256, 0.2910, 0.2492

35.4162, 0.3388, 0.5211

34.6604, 0.3375, 0.5445

34.0314, 0.3341, 0.5626

33.5156, 0.3292, 0.5752

55.9812, 0.2973, 0.2492

57.7058, 0.3051, 0.2510

59.5288, 0.3130, 0.2529

60.3154, 0.3163, 0.2536

Harmonies

Analogous

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

43.0672, 0.3279, 0.3493

43.0672, 0.3171, 0.3483

43.0672, 0.3053, 0.3418

Triad

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

43.0672, 0.3171, 0.3483

43.0672, 0.2912, 0.3129

43.0672, 0.3300, 0.3260

Complementary

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

43.0672, 0.3171, 0.3483

38.5324, 0.3080, 0.3098

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.

43.0672, 0.3199, 0.3167

43.0672, 0.3171, 0.3483

43.0672, 0.2975, 0.3092

Square

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

43.0672, 0.3171, 0.3483

43.0672, 0.2905, 0.3211

43.0672, 0.3080, 0.3106

43.0672, 0.3355, 0.3362

Rectangle

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

43.0672, 0.3171, 0.3483

43.0672, 0.2984, 0.3353

43.0672, 0.3080, 0.3106

43.0672, 0.3271, 0.3227

Sweetspot

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

43.0691, 0.3171, 0.3483

80.0369, 0.3139, 0.3339

41.6228, 0.3249, 0.3398

17.7403, 0.3138, 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.

43.0691, 0.3171, 0.3483

77.7008, 0.3178, 0.3516

42.4437, 0.3111, 0.3473

9.6640, 0.3179, 0.3521

23.9490, 0.3290, 0.5770

0.7883, 0.3522, 0.5586

Inverse Universe

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

38.5324, 0.3080, 0.3098

68.1892, 0.3072, 0.3065

39.1950, 0.3144, 0.3114

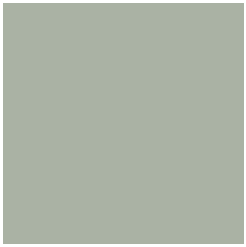
8.4599, 0.3071, 0.3061

4.3147, 0.2174, 0.0971

0.1695, 0.2461, 0.1130

Previews

White Background



This preview shows how the Yxy color 43.0672, 0.3171, 0.3483 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 43.0672, 0.3171, 0.3483 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 43.0672, 0.3171, 0.3483

Background

This preview shows how black text looks on a background with the Yxy color 43.0672, 0.3171, 0.3483.

This preview shows how white text looks on a background with the Yxy color 43.0672, 0.3171, 0.3483.

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
43.0672, 0.3171, 0.3483

Protanopia
43.0923, 0.3290, 0.3466

Deuteranopia
42.8649, 0.3405, 0.3330

Tritanopia
42.9016, 0.3014, 0.3104

Trichromacy

Original Color
43.0672, 0.3171, 0.3483

Protanomaly
43.0421, 0.3244, 0.3467

Deuteranomaly
42.7865, 0.3324, 0.3383

Tritanomaly
42.7989, 0.3077, 0.3236

Monochromacy

Original Color
43.0672, 0.3171, 0.3483

Achromatopsia
42.3268, 0.3127, 0.3290

Achromatomaly
42.4465, 0.3151, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0672, 0.3171, 0.3483 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(170, 178, 164) looks like.

```
.text, #text, p{
    color:rgb(170, 178, 164)
}
```

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(170, 178, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 178, 164) }
```

Border

The CSS property to change the border of an element to Yxy 43.0672, 0.3171, 0.3483 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(170, 178, 164) }
```

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

```
.border{ border-color:rgb(170, 178, 164) }
```

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

Here you see how a box with a 4 pixel rgb(170, 178, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 178, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 178, 164); box-shadow:4px 4px 4px 4px rgb(170, 178, 164) }
```

Background

The CSS property to change the background color of an element to Yxy 43.0672, 0.3171, 0.3483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(170, 178, 164) }
```

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

```
.background{ background-color:rgb(170,
178, 164) }
```

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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