

Converting Colors

Yxy(51.7024, 0.3248, 0.3519)

Have a look what the booklet for
Yxy(51.7024, 0.3248, 0.3519)
contains.

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Color

Yxy(51.7024, 0.3248, 0.3519)

Conversions

Conversions Part 1

Format	Color
Hex	BEC0AE
RGB	190, 192, 174
RGB Percent	75%, 75%, 68%
CMY	0.2550, 0.2470, 0.3177
CMYK	0.01, 0.00, 0.09, 0.25
HSL	67°, 13%, 72%
HSV	67°, 9%, 75%
XYZ	47.7208, 51.7024, 47.5004
YIQ	189.3500, 4.5860, -6.0220

Conversions

Conversions Part 2

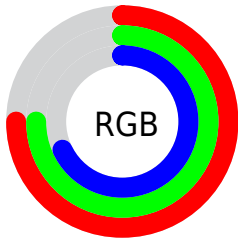
Format	Color
RYB	174, 192, 176
Decimal	12501166
CIELab	77.10, -3.91, 8.84
CIElCh	77, 9.661, 113.843
Yxy	51.7024, 0.3248, 0.3519
Android (android.graphics.Color)	4290691246 (0xFFBEC0AE)
YUV	189.3500, -7.5675, 0.5701
Hunter-Lab	71.9044, -7.3676, 11.1658

Details

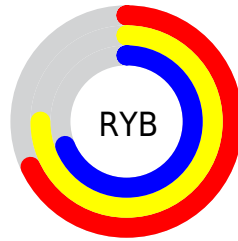
The Yxy color **51.7024, 0.3248, 0.3519** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.3038, 0.3000, 0.3053**, and the grayscale version is **51.1414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3848, 0.3228, 0.3479**, and **25.1887, 0.3280, 0.3583** is the 20% darker color. If you saturate the color by 10%, you get **50.7329, 0.3379, 0.3772**, and if you desaturate by 10%, it is **52.7875, 0.3119, 0.3275**.

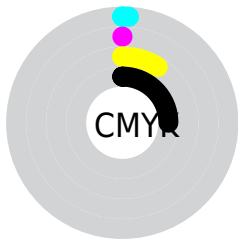
Distribution



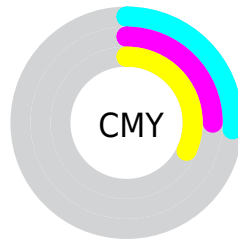
- Red (75%)
- Green (75%)
- Blue (68%)



- Red (68%)
- Yellow (75%)
- Blue (69%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)



- Cyan (26%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.7024, 0.3248, 0.3519 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 51.7024, 0.3248, 0.3519 by changing the saturation by 10% instead.

■ 51.7024, 0.3248,
0.3519

■ 51.7024, 0.3248,
0.3519

393.2866, 0.3189,
0.3406

■ 36.7679, 0.3262,
0.3547

■ 92.6922, 0.3227,
0.3478

■ 25.0278, 0.3280,
0.3583

119.5163, 0.3219,
0.3463

■ 16.0978, 0.3304,
0.3630

151.0724, 0.3212,
0.3449

■ 9.5934, 0.3336,
0.3696

187.7449, 0.3206,
0.3438

■ 5.1302, 0.3382,
0.3793

229.9182, 0.3201,
0.3428

■ 2.3239, 0.3454,
0.3950

277.9766, 0.3197,

■ 0.7863, 0.3889,

0.3420

0.4690

332.3046, 0.3193,
0.3412

0.0000, 0.0000,
0.0000

51.7024, 0.3248,
0.3519

51.7024, 0.3248,
0.3519

50.7329, 0.3379,
0.3772

52.7875, 0.3119,
0.3275

49.8678, 0.3509,
0.4029

53.9859, 0.2996,
0.3046

49.1045, 0.3634,
0.4281

55.3037, 0.2880,
0.2832

48.4377, 0.3747,
0.4519

56.7448, 0.2772,
0.2635

47.8616, 0.3843,
0.4733

57.3094, 0.2761,
0.2597

■ 47.3700, 0.3919,
0.4914

■ 57.6099, 0.2776,
0.2600

■ 46.9555, 0.3969,
0.5053

■ 57.9146, 0.2791,
0.2603

■ 46.6097, 0.3994,
0.5148

■ 58.2236, 0.2806,
0.2605

■ 46.3170, 0.3997,
0.5205

■ 58.5368, 0.2821,
0.2608

Harmonies

Analogous

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



51.7024, 0.3346, 0.3493



51.7024, 0.3248, 0.3519



51.7024, 0.3119, 0.3481

Triad

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



51.7024, 0.3248, 0.3519



51.7024, 0.2876, 0.3159



51.7024, 0.3260, 0.3194

Complementary

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



51.7024, 0.3248, 0.3519



43.3038, 0.3000, 0.3053

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.



51.7024, 0.3131, 0.3109



51.7024, 0.3248, 0.3519



51.7024, 0.2911, 0.3087

Square

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



51.7024, 0.3248, 0.3519



51.7024, 0.2906, 0.3269



51.7024, 0.3004, 0.3070



51.7024, 0.3353, 0.3305

Rectangle

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



51.7024, 0.3248, 0.3519



51.7024, 0.3033, 0.3423



51.7024, 0.3004, 0.3070



51.7024, 0.3219, 0.3162

Sweetspot

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



51.7047, 0.3248, 0.3519



94.8945, 0.3166, 0.3363



45.2307, 0.3287, 0.3314



20.3236, 0.3176, 0.3383



97.7402, 0.3127, 0.3290



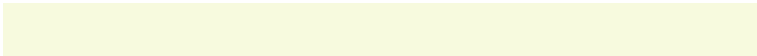
20.4902, 0.3127, 0.3290

Same Dimension

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



51.7047, 0.3248, 0.3519



93.3452, 0.3271, 0.3564



50.6067, 0.3175, 0.3524



11.6991, 0.3248, 0.3519



31.1722, 0.3999, 0.5207



1.3635, 0.4045, 0.5170

Inverse Universe

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



43.3038, 0.3000, 0.3053



75.4448, 0.2974, 0.3004



44.3620, 0.3075, 0.3058



9.8009, 0.3000, 0.3053



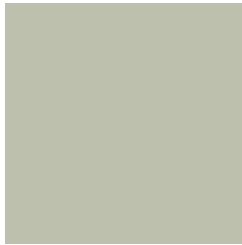
2.6899, 0.1545, 0.0625



0.1347, 0.1686, 0.0703

Previews

White Background



This preview shows how the Yxy color 51.7024, 0.3248, 0.3519 looks on a white background.

Color Contrast Check

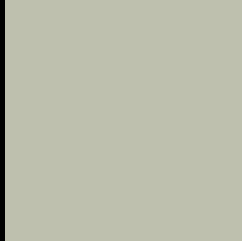
Large Text (above 18pt) WCAG AA × Fail

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 51.7024, 0.3248, 0.3519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

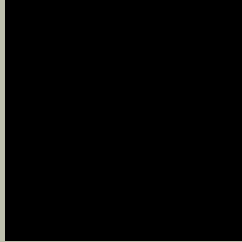
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

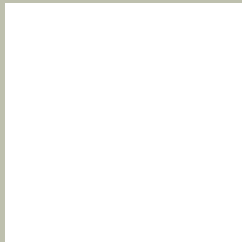
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.7024, 0.3248, 0.3519

Background



This preview shows how black text looks on a background with the Yxy color 51.7024, 0.3248, 0.3519.



This preview shows how white text looks on a background with the Yxy color 51.7024, 0.3248, 0.3519.

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

51.7024, 0.3248, 0.3519

Protanopia

51.8498, 0.3326, 0.3502

Deuteranopia

51.7117, 0.3452, 0.3387



Tritanopia

51.7476, 0.3063, 0.3107

Trichromacy



Original Color

51.7024, 0.3248, 0.3519

Protanomaly

51.8808, 0.3299, 0.3516

Deuteranomaly

51.6149, 0.3376, 0.3438

Tritanomaly

51.5384, 0.3137, 0.3253

Monochromacy



Original Color

51.7024, 0.3248, 0.3519

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.1064, 0.3165, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7024, 0.3248, 0.3519 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(190, 192, 174)` looks like.

```
.text, #text, p{  
    color:rgb(190, 192, 174)  
}
```

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(190, 192, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 192, 174) }
```

Border

The CSS property to change the border of an element to Yxy 51.7024, 0.3248, 0.3519 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(190, 192, 174) }
```

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

```
.border{ border-color:rgb(190, 192, 174) }
```

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

Here you see how a box with a 4 pixel rgb(190, 192, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 192, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 192, 174);  
box-shadow:4px 4px 4px 4px rgb(190, 192,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7024, 0.3248, 0.3519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 192, 174) }
```

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

```
.background{ background-color: rgb(190,  
192, 174) }
```

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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