

Converting Colors

Yxy(51.7049, 0.3622, 0.3878)

Have a look what the booklet for
Yxy(51.7049, 0.3622, 0.3878)
contains.

Yxy(51.6475, 0.3621, 0.3874)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.6475, 0.3621, 0.3874)

Conversions

Conversions Part 1

Format	Color
Hex	CCBE8F
RGB	204, 190, 143
RGB Percent	80%, 75%, 56%
CMY	0.1999, 0.2549, 0.4394
CMYK	0.00, 0.07, 0.30, 0.20
HSL	46°, 37%, 68%
HSV	46°, 30%, 80%
XYZ	48.2745, 51.6475, 33.3962
YIQ	188.8280, 23.4310, -11.6490

Conversions

Conversions Part 2

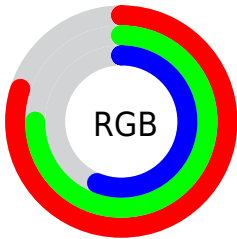
Format	Color
R_{YB}	161, 204, 143
Decimal	13418127
CIE _{Lab}	77.07, -2.23, 25.59
CIE _{LCh}	77, 25.684, 94.986
Yxy	51.6475, 0.3621, 0.3874
Android (android.graphics.Color)	4291608207 (0xFFCCBE8F)
YUV	188.8280, -22.5932, 13.3058
Hunter-Lab	71.8662, -5.8624, 22.7543

Details

The Yxy color **51.6475, 0.3621, 0.3874** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.3040, 0.2626, 0.2628**, and the grayscale version is **50.9078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2028, 0.3490, 0.3777**, and **25.0536, 0.3750, 0.4037** is the 20% darker color. If you saturate the color by 10%, you get **49.0905, 0.3803, 0.4070**, and if you desaturate by 10%, it is **54.3869, 0.3445, 0.3674**.

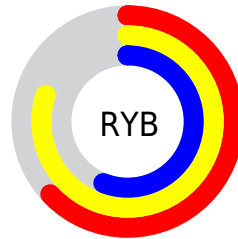
Distribution



Red (80%)

Green (75%)

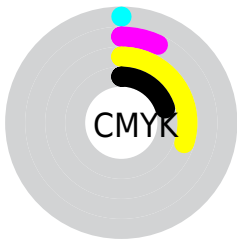
Blue (56%)



Red (63%)

Yellow (80%)

Blue (56%)

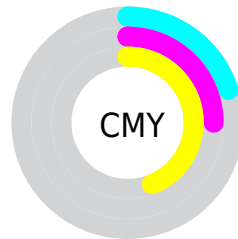


Cyan (0%)

Magenta (7%)

Yellow (30%)

Black (20%)



Cyan (20%)


Magenta (25%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.6475, 0.3621, 0.3874 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 51.6475, 0.3621, 0.3874 by changing the saturation by 10% instead.


 51.6475, 0.3621,
0.3874


 51.6475, 0.3621,
0.3874


393.0742, 0.3381,
0.3588

 36.7242, 0.3678,
0.3943


 92.6112, 0.3536,
0.3772

 24.9940, 0.3749,
0.4030


 119.4203, 0.3503,
0.3733

 16.0726, 0.3841,
0.4142


150.9602, 0.3475,
0.3699

 9.5755, 0.3961,
0.4292


187.6152, 0.3451,
0.3671

 5.1184, 0.4123,
0.4498

229.7697, 0.3430,
0.3646

 2.3169, 0.4482,
0.4944

277.8081, 0.3412,

 0.7826, 0.4683,

0.3624

0.5317

332.1148, 0.3396,
0.3605

0.0000, 0.0000,
0.0000

51.6475, 0.3621,
0.3874

51.6475, 0.3621,
0.3874

49.0905, 0.3803,
0.4070

54.3869, 0.3445,
0.3674

46.7020, 0.3986,
0.4254

57.3078, 0.3280,
0.3478

44.4772, 0.4164,
0.4416

60.4184, 0.3126,
0.3289

42.4080, 0.4327,
0.4545

63.7243, 0.2986,
0.3110

40.4852, 0.4469,
0.4633

67.2307, 0.2858,
0.2943

■ 38.6983, 0.4582,
0.4674

■ 70.2562, 0.2802,
0.2892

■ 37.0280, 0.4670,
0.4673

■ 72.7212, 0.2805,
0.2944

■ 37.0159, 0.4671,
0.4673

■ 75.2555, 0.2808,
0.2996

■ 77.8595, 0.2812,
0.3047

Harmonies

Analogous

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



51.6475, 0.3800, 0.3690



51.6475, 0.3621, 0.3874



51.6475, 0.3314, 0.3900

Triad

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



51.6475, 0.3621, 0.3874



51.6475, 0.2507, 0.3100



51.6475, 0.3262, 0.2898

Complementary

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



51.6475, 0.3621, 0.3874



34.3040, 0.2626, 0.2628

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.



51.6475, 0.2914, 0.2751



51.6475, 0.3621, 0.3874



51.6475, 0.2494, 0.2849

Square

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



51.6475, 0.3621, 0.3874



51.6475, 0.2676, 0.3431



51.6475, 0.2638, 0.2730



51.6475, 0.3589, 0.3137

Rectangle

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



51.6475, 0.3621, 0.3874



51.6475, 0.3082, 0.3811



51.6475, 0.2638, 0.2730



51.6475, 0.3143, 0.2837

Sweetspot

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



51.6498, 0.3621, 0.3874



95.2935, 0.3267, 0.3462



34.9155, 0.3635, 0.3108



20.2392, 0.3290, 0.3491



0.0000, 0.0000, 0.0000



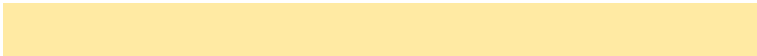
21.4041, 0.3127, 0.3290

Same Dimension

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



51.6498, 0.3621, 0.3874



82.7152, 0.3740, 0.4003



55.8343, 0.3439, 0.4066



12.6430, 0.3271, 0.3468



23.4402, 0.4663, 0.4680



1.3187, 0.4553, 0.4767

Inverse Universe

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



34.3040, 0.2626, 0.2628



49.4225, 0.2503, 0.2455



31.3906, 0.2744, 0.2456



11.2549, 0.2983, 0.3106



4.1334, 0.1572, 0.0860



0.3322, 0.1678, 0.1241

Previews

White Background



This preview shows how the Yxy color 51.6475, 0.3621, 0.3874 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 51.6475, 0.3621, 0.3874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

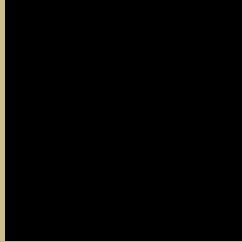
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6475, 0.3621, 0.3874

Background



This preview shows how black text looks on a background with the Yxy color 51.6475, 0.3621, 0.3874.



This preview shows how white text looks on a background with the Yxy color 51.6475, 0.3621, 0.3874.

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

51.6475, 0.3621, 0.3874

Protanopia

51.6475, 0.3621, 0.3874

Deuteranopia

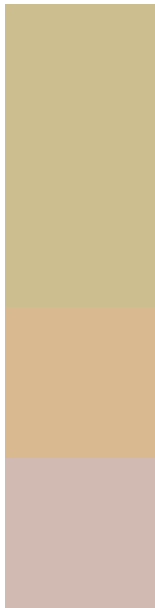
51.7279, 0.3819, 0.3748



Tritanopia

51.5998, 0.3245, 0.3124

Trichromacy



Original Color

51.6475, 0.3621, 0.3874

Protanomaly

51.6475, 0.3621, 0.3874

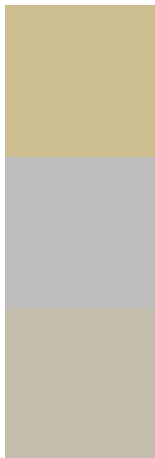
Deuteranomaly

51.8831, 0.3743, 0.3793

Tritanomaly

51.7020, 0.3387, 0.3400

Monochromacy



Original Color

51.6475, 0.3621, 0.3874

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.8431, 0.3302, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6475, 0.3621, 0.3874 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(204, 190, 143)` looks like.

```
.text, #text, p{  
    color:rgb(204, 190, 143)  
}
```

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(204, 190, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 190, 143) }
```

Border

The CSS property to change the border of an element to Yxy 51.6475, 0.3621, 0.3874 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(204, 190, 143) }
```

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

```
.border{ border-color:rgb(204, 190, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 190, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 190, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 190, 143);  
box-shadow:4px 4px 4px 4px rgb(204, 190,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6475, 0.3621, 0.3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 190, 143) }
```

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

```
.background{ background-color: rgb(204,  
190, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor