

Converting Colors

Yxy(51.3022, 0.3494, 0.3501)

Have a look what the booklet for
Yxy(51.3022, 0.3494, 0.3501)
contains.

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Color

Yxy(51.3740, 0.3491, 0.3497)

Conversions

Conversions Part 1

Format	Color
Hex	D3B9A8
RGB	211, 185, 168
RGB Percent	83%, 73%, 66%
CMY	0.1724, 0.2745, 0.3413
CMYK	0.00, 0.12, 0.20, 0.17
HSL	24°, 33%, 74%
HSV	24°, 20%, 83%
XYZ	51.2859, 51.3740, 44.2489
YIQ	190.8360, 20.9530, 0.2250

Conversions

Conversions Part 2

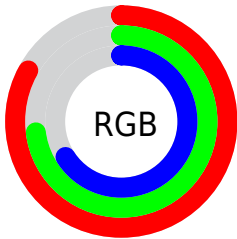
Format	Color
RYB	211, 196, 168
Decimal	13875624
CIELab	76.91, 6.61, 12.04
CIElCh	77, 13.732, 61.248
Yxy	51.3740, 0.3491, 0.3497
Android (android.graphics.Color)	4292065704 (0xFFD3B9A8)
YUV	190.8360, -11.2581, 17.6838
Hunter-Lab	71.6757, 2.2891, 13.5703

Details

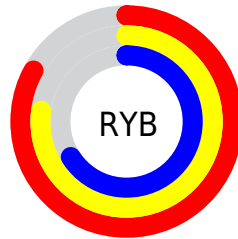
The Yxy color $51.3740, 0.3491, 0.3497$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.6182, 0.2811, 0.3074$, and the grayscale version is $52.0600, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.4983, 0.3333, 0.3468$, and $24.8314, 0.3591, 0.3551$ is the 20% darker color. If you saturate the color by 10%, you get $45.5505, 0.3714, 0.3605$, and if you desaturate by 10%, it is $57.8092, 0.3298, 0.3392$.

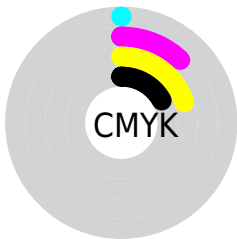
Distribution



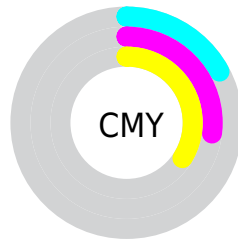
- Red (83%)
- Green (73%)
- Blue (66%)



- Red (83%)
- Yellow (77%)
- Blue (66%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (17%)




- Cyan (17%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3740, 0.3491, 0.3497 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 51.3740, 0.3491, 0.3497 by changing the saturation by 10% instead.


 51.3740, 0.3491,
0.3497


 51.3740, 0.3491,
0.3497


392.0151, 0.3311,
0.3397

 36.5063, 0.3535,
0.3521


 92.2074, 0.3426,
0.3462

 24.8255, 0.3592,
0.3550


 118.9419, 0.3402,
0.3448

 15.9471, 0.3666,
0.3589


150.4008, 0.3381,
0.3437

 9.4867, 0.3769,
0.3640

186.9685, 0.3363,
0.3427

 5.0600, 0.3918,
0.3711

229.0294, 0.3347,
0.3418

 2.2825, 0.4156,
0.3814

276.9678, 0.3334,

 0.7644, 0.5376,

0.3410

0.4624

331.1683, 0.3322,
0.3404

0.0000, 0.0000,
0.0000

51.3740, 0.3491,
0.3497

51.3740, 0.3491,
0.3497

45.5505, 0.3714,
0.3605

57.8092, 0.3298,
0.3392

40.3129, 0.3969,
0.3712

64.8668, 0.3133,
0.3294

35.6439, 0.4256,
0.3812

72.5662, 0.2992,
0.3202

31.5224, 0.4569,
0.3895

80.9238, 0.2871,
0.3118

27.9261, 0.4894,
0.3948

88.7061, 0.2863,
0.3225

■ 24.8306, 0.5212,
0.3959

■ 92.5935, 0.2866,
0.3289

■ 22.2088, 0.5496,
0.3918

■ 20.1027, 0.5725,
0.3836

Harmonies

Analogous

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



51.3740, 0.3471, 0.3348



51.3740, 0.3491, 0.3497



51.3740, 0.3411, 0.3596

Triad

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



51.3740, 0.3491, 0.3497



51.3740, 0.2901, 0.3389



51.3740, 0.2993, 0.2987

Complementary

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



51.3740, 0.3491, 0.3497



51.6182, 0.2811, 0.3074

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.



51.3740, 0.2847, 0.2989



51.3740, 0.3491, 0.3497



51.3740, 0.2795, 0.3215

Square

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



51.3740, 0.3491, 0.3497



51.3740, 0.3068, 0.3537



51.3740, 0.2776, 0.3070



51.3740, 0.3179, 0.3060

Rectangle

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



51.3740, 0.3491, 0.3497



51.3740, 0.3313, 0.3618



51.3740, 0.2776, 0.3070



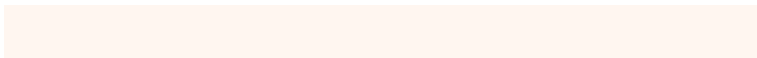
51.3740, 0.2938, 0.2978

Sweetspot

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



51.3763, 0.3491, 0.3497



93.2913, 0.3224, 0.3349



45.7706, 0.3291, 0.2973



19.8165, 0.3235, 0.3355



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.



51.3763, 0.3491, 0.3497



75.2831, 0.3573, 0.3539



60.8268, 0.3443, 0.3739



12.5639, 0.3281, 0.3382



12.3152, 0.5698, 0.3858



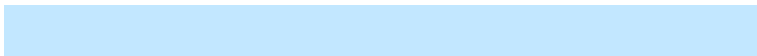
0.8416, 0.5361, 0.4125

Inverse Universe

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



51.6182, 0.2811, 0.3074



75.7091, 0.2750, 0.3027



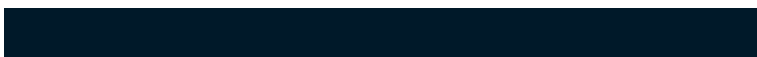
42.9160, 0.2793, 0.2797



12.5901, 0.2983, 0.3196



12.2981, 0.1875, 0.1950



0.8401, 0.1951, 0.2222

Previews

White Background



This preview shows how the Yxy color 51.3740, 0.3491, 0.3497 looks on a white background.

Color Contrast Check

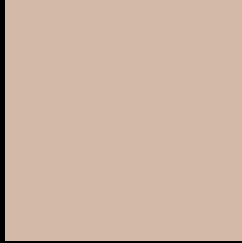
Large Text (above 18pt) WCAG AA × Fail

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 51.3740, 0.3491, 0.3497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

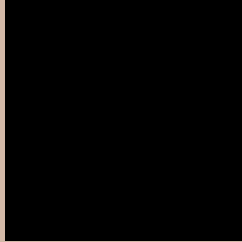
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3740, 0.3491, 0.3497

Background



This preview shows how black text looks on a background with the Yxy color 51.3740, 0.3491, 0.3497.



This preview shows how white text looks on a background with the Yxy color 51.3740, 0.3491, 0.3497.

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

51.3740, 0.3491, 0.3497

Protanopia

51.3032, 0.3352, 0.3528

Deuteranopia

51.2931, 0.3540, 0.3470



Tritanopia

51.2840, 0.3298, 0.3126

Trichromacy



Original Color

51.3740, 0.3491, 0.3497

Protanomaly

51.5275, 0.3405, 0.3525

Deuteranomaly

51.4043, 0.3520, 0.3483

Tritanomaly

51.1048, 0.3371, 0.3255

Monochromacy



Original Color

51.3740, 0.3491, 0.3497

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.8199, 0.3249, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3740, 0.3491, 0.3497 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(211, 185, 168)` looks like.

```
.text, #text, p{  
    color:rgb(211, 185, 168)  
}
```

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(211, 185, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 185, 168) }
```

Border

The CSS property to change the border of an element to Yxy 51.3740, 0.3491, 0.3497 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(211, 185, 168) }
```

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

```
.border{ border-color:rgb(211, 185, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 185, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 185, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 185, 168);  
box-shadow:4px 4px 4px 4px rgb(211, 185,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3740, 0.3491, 0.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 185, 168) }
```

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

```
.background{ background-color: rgb(211,  
185, 168) }
```

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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