

Converting Colors

Yxy(51.6361, 0.3584, 0.3423)

Have a look what the booklet for
Yxy(51.6361, 0.3584, 0.3423)
contains.

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Color

Yxy(51.4796, 0.3581, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	DEB5AA
RGB	222, 181, 170
RGB Percent	87%, 71%, 67%
CMY	0.1295, 0.2902, 0.3332
CMYK	0.00, 0.18, 0.23, 0.13
HSL	13°, 44%, 77%
HSV	13°, 23%, 87%
XYZ	53.9031, 51.4796, 45.1425
YIQ	192.0050, 27.9670, 5.2710

Conversions

Conversions Part 2

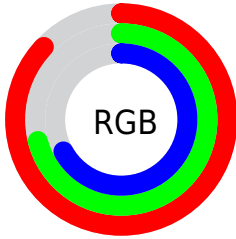
Format	Color
R _Y B	222, 184, 170
Decimal	14595498
CIE Lab	76.97, 13.14, 11.16
CIE LCh	77, 17.239, 40.335
Yxy	51.4796, 0.3581, 0.3420
Android (android.graphics.Color)	4292785578 (0xFFDEB5AA)
YUV	192.0050, -10.8485, 26.3056
Hunter-Lab	71.7493, 8.5404, 12.9210

Details

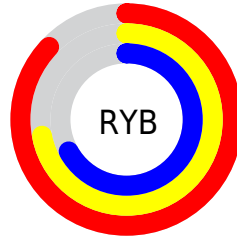
The Yxy color **51.4796, 0.3581, 0.3420** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.4183, 0.2772, 0.3156**, and the grayscale version is **52.7695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2646, 0.3325, 0.3409**, and **24.8533, 0.3705, 0.3447** is the 20% darker color. If you saturate the color by 10%, you get **44.0319, 0.3843, 0.3479**, and if you desaturate by 10%, it is **59.9688, 0.3362, 0.3362**.

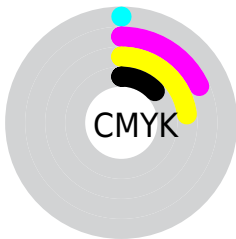
Distribution



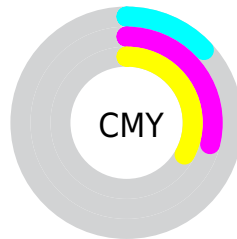
- Red (87%)
- Green (71%)
- Blue (67%)



- Red (87%)
- Yellow (72%)
- Blue (67%)



- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (13%)




- Cyan (13%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4796, 0.3581, 0.3420 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 51.4796, 0.3581, 0.3420 by changing the saturation by 10% instead.


 51.4796, 0.3581,
0.3420

 51.4796, 0.3581,
0.3420


392.4243, 0.3356,
0.3360

 36.5904, 0.3637,
0.3433


 92.3633, 0.3500,
0.3399

 24.8905, 0.3707,
0.3450


119.1266, 0.3469,
0.3391

 15.9955, 0.3801,
0.3470

150.6168, 0.3443,
0.3384

 9.5210, 0.3930,
0.3496

187.2183, 0.3421,
0.3378

 5.0825, 0.4119,
0.3528

229.3153, 0.3401,
0.3373

 2.2958, 0.4419,
0.3566

277.2924, 0.3384,

 0.7715, 0.5633,

0.3368

0.4052

331.5339, 0.3369,
0.3364

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.4796, 0.3581,
0.3420

51.4796, 0.3581,
0.3420

44.0319, 0.3843,
0.3479

59.9688, 0.3362,
0.3362

37.5785, 0.4154,
0.3536

69.5305, 0.3181,
0.3308

32.0789, 0.4513,
0.3586

80.2030, 0.3031,
0.3257

27.4870, 0.4910,
0.3619

91.7716, 0.2928,
0.3250

■ 23.7530, 0.5322,
0.3626

■ 94.2674, 0.2929,
0.3289

■ 20.8217, 0.5708,
0.3598

■ 18.6314, 0.6019,
0.3533

■ 17.5514, 0.6173,
0.3480

Harmonies

Analogous

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



51.4796, 0.3468, 0.3222



51.4796, 0.3581, 0.3420



51.4796, 0.3566, 0.3594

Triad

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



51.4796, 0.3581, 0.3420



51.4796, 0.2983, 0.3553



51.4796, 0.2823, 0.2903

Complementary

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



51.4796, 0.3581, 0.3420



60.4183, 0.2772, 0.3156

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.



51.4796, 0.2704, 0.2973



51.4796, 0.3581, 0.3420



51.4796, 0.2794, 0.3347

Square

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



51.4796, 0.3581, 0.3420



51.4796, 0.3216, 0.3682



51.4796, 0.2694, 0.3132



51.4796, 0.3026, 0.2931

Rectangle

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



51.4796, 0.3581, 0.3420



51.4796, 0.3487, 0.3671



51.4796, 0.2694, 0.3132



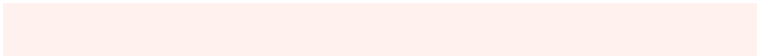
51.4796, 0.2773, 0.2915

Sweetspot

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



51.4820, 0.3581, 0.3420



90.2465, 0.3244, 0.3327



49.0231, 0.3240, 0.2820



19.1440, 0.3254, 0.3330



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.



51.4820, 0.3581, 0.3420



65.4040, 0.3701, 0.3449



62.7669, 0.3516, 0.3707



14.1673, 0.3287, 0.3340



10.5576, 0.6150, 0.3499



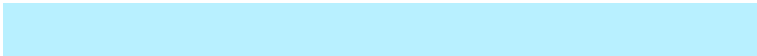
0.8615, 0.5855, 0.3733

Inverse Universe

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



60.4183, 0.2772, 0.3156



79.6337, 0.2702, 0.3125



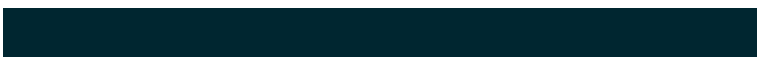
48.7812, 0.2746, 0.2835



15.0551, 0.2982, 0.3239



21.5362, 0.2055, 0.2599



1.6173, 0.2088, 0.2717

Previews

White Background



This preview shows how the Yxy color 51.4796, 0.3581, 0.3420 looks on a white background.

Color Contrast Check

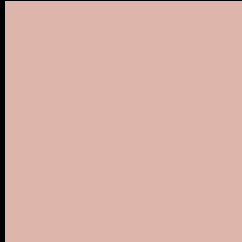
Large Text (above 18pt) WCAG AA × Fail

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 51.4796, 0.3581, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

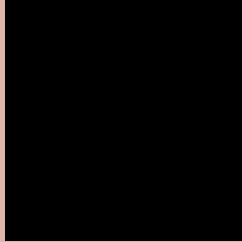
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.4796, 0.3581, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 51.4796, 0.3581, 0.3420.



This preview shows how white text looks on a background with the Yxy color 51.4796, 0.3581, 0.3420.

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

51.4796, 0.3581, 0.3420

Protanopia

51.7924, 0.3302, 0.3478

Deuteranopia

51.3682, 0.3523, 0.3446



Tritanopia

51.6541, 0.3423, 0.3131

Trichromacy



Original Color

51.4796, 0.3581, 0.3420

Protanomaly

51.6796, 0.3401, 0.3462

Deuteranomaly

51.2636, 0.3543, 0.3434

Tritanomaly

51.5482, 0.3482, 0.3233

Monochromacy



Original Color

51.4796, 0.3581, 0.3420

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.1236, 0.3284, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4796, 0.3581, 0.3420 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(222, 181, 170)` looks like.

```
.text, #text, p{  
    color:rgb(222, 181, 170)  
}
```

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(222, 181, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 181, 170) }
```

Border

The CSS property to change the border of an element to Yxy 51.4796, 0.3581, 0.3420 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(222, 181, 170) }
```

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

```
.border{ border-color:rgb(222, 181, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 181, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 181, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 181, 170);  
box-shadow:4px 4px 4px 4px rgb(222, 181,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4796, 0.3581, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 181, 170) }
```

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

```
.background{ background-color: rgb(222,  
181, 170) }
```

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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