

Converting Colors

Yxy(46.3846, 0.3340, 0.3414)

Have a look what the booklet for
Yxy(46.3846, 0.3340, 0.3414)
contains.

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Color

Yxy(46.5741, 0.3342, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	C2B3A9
RGB	194, 179, 169
RGB Percent	76%, 70%, 66%
CMY	0.2393, 0.2980, 0.3373
CMYK	0.00, 0.08, 0.13, 0.24
HSL	24°, 17%, 71%
HSV	24°, 13%, 76%
XYZ	45.5252, 46.5741, 44.1221
YIQ	182.3450, 12.1500, 0.0700

Conversions

Conversions Part 2

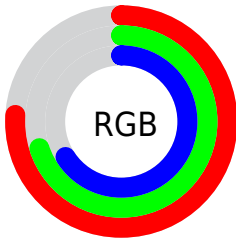
Format	Color
RYB	194, 186, 169
Decimal	12759977
CIELab	73.92, 3.64, 7.03
CIElCh	74, 7.914, 62.640
Yxy	46.5741, 0.3342, 0.3419
Android (android.graphics.Color)	4290950057 (0xFFC2B3A9)
YUV	182.3450, -6.5791, 10.2214
Hunter-Lab	68.2452, -0.3549, 9.4393

Details

The Yxy color $46.5741, 0.3342, 0.3419$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $46.5933, 0.2929, 0.3157$, and the grayscale version is $47.0081, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.3077, 0.3306, 0.3400$, and $21.7815, 0.3401, 0.3448$ is the 20% darker color. If you saturate the color by 10%, you get $41.4371, 0.3540, 0.3526$, and if you desaturate by 10%, it is $52.2159, 0.3172, 0.3318$.

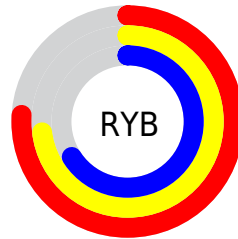
Distribution



Red (76%)

Green (70%)

Blue (66%)



Red (76%)

Yellow (73%)

Blue (66%)

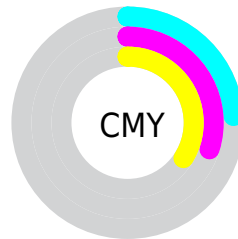


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (30%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5741, 0.3342, 0.3419 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 46.5741, 0.3342, 0.3419 by changing the saturation by 10% instead.

 46.5741, 0.3342,
0.3419

 46.5741, 0.3342,
0.3419


373.1119, 0.3234,
0.3355

 32.6991, 0.3369,
0.3435


 85.0775, 0.3303,
0.3396

 21.8960, 0.3404,
0.3455


110.4748, 0.3288,
0.3387

 13.7805, 0.3451,
0.3481


140.4815, 0.3276,
0.3380

 7.9682, 0.3516,
0.3518

175.4822, 0.3265,
0.3374

 4.0746, 0.3614,
0.3571

215.8612, 0.3256,
0.3368

 1.7154, 0.3778,
0.3657

262.0028, 0.3248,

 0.4336, 0.5360,

0.3363

0.4640

314.2916, 0.3240,
0.3359

0.0000, 0.0000,
0.0000

46.5741, 0.3342,
0.3419

46.5741, 0.3342,
0.3419

41.4371, 0.3540,
0.3526

52.2159, 0.3172,
0.3318

36.7843, 0.3768,
0.3635

58.3700, 0.3025,
0.3224

32.6027, 0.4028,
0.3742

65.0516, 0.2900,
0.3137

28.8763, 0.4318,
0.3840

72.2735, 0.2793,
0.3057

25.5881, 0.4631,
0.3918

79.3201, 0.2757,
0.3097

■ 22.7199, 0.4952,
0.3965

■ 86.2727, 0.2767,
0.3223

■ 20.2519, 0.5260,
0.3967

■ 90.2068, 0.2773,
0.3289

■ 18.1619, 0.5531,
0.3916

■ 16.8845, 0.5699,
0.3857

Harmonies

Analogous

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



46.5741, 0.3333, 0.3331



46.5741, 0.3342, 0.3419



46.5741, 0.3293, 0.3474

Triad

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



46.5741, 0.3342, 0.3419



46.5741, 0.2988, 0.3344



46.5741, 0.3053, 0.3108

Complementary

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



46.5741, 0.3342, 0.3419



46.5933, 0.2929, 0.3157

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.



46.5741, 0.2963, 0.3108



46.5741, 0.3342, 0.3419



46.5741, 0.2926, 0.3243

Square

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



46.5741, 0.3342, 0.3419



46.5741, 0.3088, 0.3432



46.5741, 0.2917, 0.3157



46.5741, 0.3164, 0.3154

Rectangle

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



46.5741, 0.3342, 0.3419



46.5741, 0.3234, 0.3484



46.5741, 0.2917, 0.3157



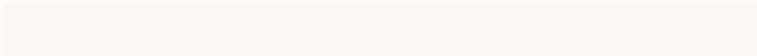
46.5741, 0.3019, 0.3103

Sweetspot

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



46.5762, 0.3342, 0.3419



93.3673, 0.3190, 0.3330



43.3001, 0.3227, 0.3099



20.2696, 0.3203, 0.3337



0.0000, 0.0000, 0.0000



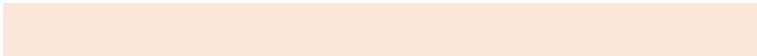
21.4041, 0.3127, 0.3290

Same Dimension

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



46.5762, 0.3342, 0.3419



82.1281, 0.3386, 0.3444



51.8032, 0.3321, 0.3574



10.7260, 0.3279, 0.3383



11.2547, 0.5676, 0.3875



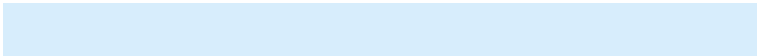
0.6212, 0.5269, 0.4198

Inverse Universe

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



46.5933, 0.2929, 0.3157



82.1634, 0.2893, 0.3131



41.6402, 0.2925, 0.2989



10.7288, 0.2984, 0.3195



10.9694, 0.1871, 0.1935



0.6060, 0.1964, 0.2270

Previews

White Background



This preview shows how the Yxy color 46.5741, 0.3342, 0.3419 looks on a white background.

Color Contrast Check

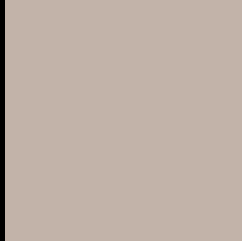
Large Text (above 18pt) WCAG AA × Fail

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 46.5741, 0.3342, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

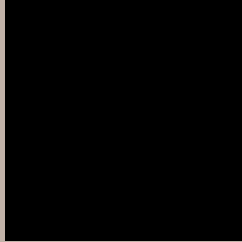
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.5741, 0.3342, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 46.5741, 0.3342, 0.3419.

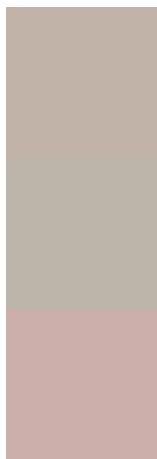


This preview shows how white text looks on a background with the Yxy color 46.5741, 0.3342, 0.3419.

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

46.5741, 0.3342, 0.3419

Protanopia

46.6414, 0.3277, 0.3433

Deuteranopia

46.3996, 0.3432, 0.3353



Tritanopia

46.6387, 0.3197, 0.3116

Trichromacy



Original Color

46.5741, 0.3342, 0.3419

Protanomaly

46.4919, 0.3296, 0.3420

Deuteranomaly

46.2323, 0.3393, 0.3366

Tritanomaly

46.5574, 0.3253, 0.3227

Monochromacy



Original Color

46.5741, 0.3342, 0.3419

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.6612, 0.3202, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5741, 0.3342, 0.3419 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(194, 179, 169)` looks like.

```
.text, #text, p{  
    color:rgb(194, 179, 169)  
}
```

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(194, 179, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 179, 169) }
```

Border

The CSS property to change the border of an element to Yxy 46.5741, 0.3342, 0.3419 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(194, 179, 169) }
```

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

```
.border{ border-color:rgb(194, 179, 169) }
```

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

Here you see how a box with a 4 pixel rgb(194, 179, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 179, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 179, 169);  
box-shadow:4px 4px 4px 4px rgb(194, 179,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5741, 0.3342, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 179, 169) }
```

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

```
.background{ background-color: rgb(194,  
179, 169) }
```

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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