

Converting Colors

$Yxy(46.4009, 0.3360, 0.3437)$

Have a look what the booklet for
Yxy(46.4009, 0.3360, 0.3437)
contains.

Yxy(46.4996, 0.3359, 0.3445)	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(46.4996, 0.3359, 0.3445)

Conversions

Conversions Part 1

Format	Color
Hex	C2B3A7
RGB	194, 179, 167
RGB Percent	76%, 70%, 65%
CMY	0.2393, 0.2980, 0.3451
CMYK	0.00, 0.08, 0.14, 0.24
HSL	27°, 18%, 71%
HSV	27°, 14%, 76%
XYZ	45.3388, 46.4996, 43.1387
YIQ	182.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

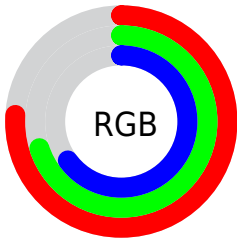
Format	Color
RYB	194, 189, 167
Decimal	12759975
CIELab	73.87, 3.31, 8.05
CIELCh	74, 8.707, 67.663
Yxy	46.4996, 0.3359, 0.3445
Android (android.graphics.Color)	4290950055 (0xFFC2B3A7)
YUV	182.1170, -7.4527, 10.4214
Hunter-Lab	68.1906, -0.6519, 10.2255

Details

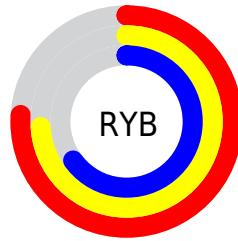
The Yxy color **46.4996, 0.3359, 0.3445** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.5473, 0.2913, 0.3130**, and the grayscale version is **46.8819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1998, 0.3319, 0.3421**, and **21.7350, 0.3425, 0.3483** is the 20% darker color. If you saturate the color by 10%, you get **41.6915, 0.3556, 0.3563**, and if you desaturate by 10%, it is **51.7559, 0.3188, 0.3332**.

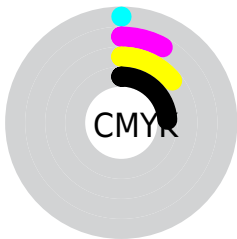
Distribution



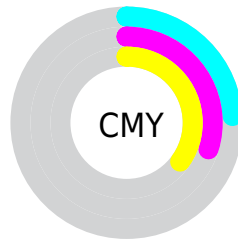
- Red (76%)
- Green (70%)
- Blue (65%)



- Red (76%)
- Yellow (74%)
- Blue (65%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (24%)





- Cyan (24%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4996, 0.3359, 0.3445 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 46.4996, 0.3359, 0.3445 by changing the saturation by 10% instead.


 46.4996, 0.3359,
0.3445

 46.4996, 0.3359,
0.3445

372.8136, 0.3243,
0.3368

 32.6402, 0.3388,
0.3464


 84.9662, 0.3317,
0.3417

 21.8510, 0.3426,
0.3488


 110.3422, 0.3301,
0.3407

 13.7475, 0.3476,
0.3520


140.3260, 0.3287,
0.3398

 7.9452, 0.3547,
0.3564

175.3017, 0.3276,
0.3390

 4.0599, 0.3652,
0.3629

215.6540, 0.3266,
0.3384

 1.7071, 0.3828,
0.3732

261.7671, 0.3257,

 0.4283, 0.5325,

0.3378

0.4675

314.0255, 0.3249,
0.3373

0.0000, 0.0000,
0.0000

46.4996, 0.3359,
0.3445

46.4996, 0.3359,
0.3445

41.6915, 0.3556,
0.3563

51.7559, 0.3188,
0.3332

37.3130, 0.3781,
0.3684

57.4661, 0.3040,
0.3227

33.3531, 0.4034,
0.3802

63.6435, 0.2912,
0.3129

29.7981, 0.4312,
0.3909

70.2993, 0.2801,
0.3039

26.6332, 0.4607,
0.3995

76.8519, 0.2753,
0.3050

■ 23.8426, 0.4906,
0.4047

■ 83.1227, 0.2763,
0.3167

■ 21.4091, 0.5190,
0.4053

■ 89.7711, 0.2772,
0.3282

■ 19.3132, 0.5437,
0.4005

■ 90.2070, 0.2773,
0.3289

■ 18.1875, 0.5572,
0.3958

Harmonies

Analogous

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



46.4996, 0.3360, 0.3353



46.4996, 0.3359, 0.3445



46.4996, 0.3295, 0.3498

Triad

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



46.4996, 0.3359, 0.3445



46.4996, 0.2959, 0.3331



46.4996, 0.3065, 0.3095

Complementary

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



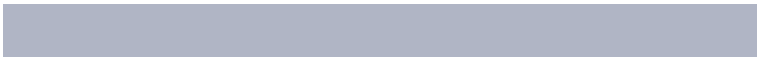
46.4996, 0.3359, 0.3445



45.5473, 0.2913, 0.3130

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.



46.4996, 0.2960, 0.3086



46.4996, 0.3359, 0.3445



46.4996, 0.2900, 0.3220

Square

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



46.4996, 0.3359, 0.3445



46.4996, 0.3064, 0.3433



46.4996, 0.2900, 0.3131



46.4996, 0.3188, 0.3153

Rectangle

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



46.4996, 0.3359, 0.3445



46.4996, 0.3226, 0.3502



46.4996, 0.2900, 0.3131



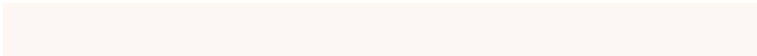
46.4996, 0.3026, 0.3086

Sweetspot

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



46.5017, 0.3359, 0.3445



93.6413, 0.3190, 0.3334



42.4894, 0.3244, 0.3095



20.3405, 0.3202, 0.3342



0.0000, 0.0000, 0.0000



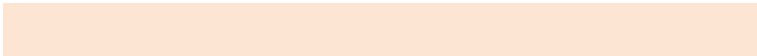
21.4041, 0.3127, 0.3290

Same Dimension

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



46.5017, 0.3359, 0.3445



81.2545, 0.3422, 0.3484



52.0360, 0.3336, 0.3608



10.7999, 0.3278, 0.3393



12.1186, 0.5550, 0.3976



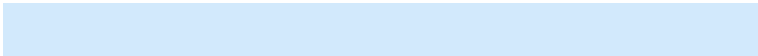
0.6609, 0.5172, 0.4275

Inverse Universe

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



45.5473, 0.2913, 0.3130



79.1570, 0.2860, 0.3088



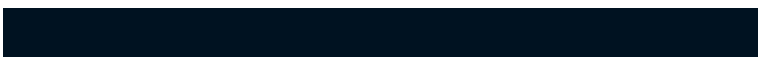
40.4056, 0.2907, 0.2950



10.6534, 0.2984, 0.3185



9.7209, 0.1828, 0.1780



0.5558, 0.1931, 0.2149

Previews

White Background



This preview shows how the Yxy color 46.4996, 0.3359, 0.3445 looks on a white background.

Color Contrast Check

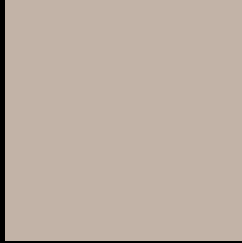
Large Text (above 18pt) WCAG AA × Fail

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 46.4996, 0.3359, 0.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

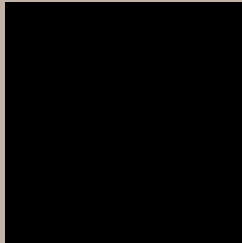
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.4996, 0.3359, 0.3445

Background



This preview shows how black text looks on a background with the Yxy color 46.4996, 0.3359, 0.3445.



This preview shows how white text looks on a background with the Yxy color 46.4996, 0.3359, 0.3445.

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

46.4996, 0.3359, 0.3445

Protanopia

46.5663, 0.3294, 0.3460

Deuteranopia

46.3245, 0.3450, 0.3378



Tritanopia

46.5951, 0.3205, 0.3128

Trichromacy



Original Color

46.4996, 0.3359, 0.3445

Protanomaly

46.4168, 0.3313, 0.3446

Deuteranomaly

46.1572, 0.3411, 0.3392

Tritanomaly

46.5162, 0.3262, 0.3240

Monochromacy



Original Color

46.4996, 0.3359, 0.3445

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 46.4996, 0.3359, 0.3445 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(194, 179, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 179, 167) }
```

Border

The CSS property to change the border of an element to Yxy 46.4996, 0.3359, 0.3445 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, 167) }
```

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

```
.border{ border-color:rgb(194, 179, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 179, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 179, 167);  
box-shadow:4px 4px 4px 4px rgb(194, 179,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4996, 0.3359, 0.3445 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, 167) }
```

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

```
.background{ background-color: rgb(194,  
179, 167) }
```

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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