

Converting Colors

$Yxy(46.7923, 0.3396, 0.3563)$

Have a look what the booklet for
Yxy(46.7923, 0.3396, 0.3563)
contains.

Yxy(46.7923, 0.3396, 0.3563)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.7923, 0.3396, 0.3563)

Conversions

Conversions Part 1

Format	Color
Hex	C0B5A0
RGB	192, 181, 160
RGB Percent	75%, 71%, 63%
CMY	0.2472, 0.2901, 0.3726
CMYK	0.00, 0.06, 0.17, 0.25
HSL	39°, 20%, 69%
HSV	39°, 17%, 75%
XYZ	44.5991, 46.7923, 39.9370
YIQ	181.8950, 13.2970, -4.1990

Conversions

Conversions Part 2

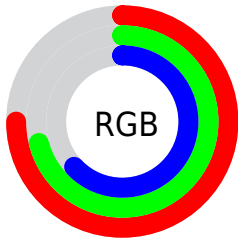
Format	Color
RYB	177, 192, 160
Decimal	12629408
CIELab	74.06, 0.36, 12.11
CIELCh	74, 12.111, 88.289
Yxy	46.7923, 0.3396, 0.3563
Android (android.graphics.Color)	4290819488 (0xFFC0B5A0)
YUV	181.8950, -10.7942, 8.8621
Hunter-Lab	68.4049, -3.3289, 13.2680

Details

The Yxy color $46.7923, 0.3396, 0.3563$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $40.3794, 0.2866, 0.3001$, and the grayscale version is $46.7717, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.6144, 0.3348, 0.3512$, and $21.9457, 0.3464, 0.3627$ is the 20% darker color. If you saturate the color by 10%, you get $43.5638, 0.3579, 0.3735$, and if you desaturate by 10%, it is $50.2547, 0.3229, 0.3396$.

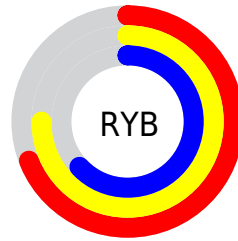
Distribution



Red (75%)

Green (71%)

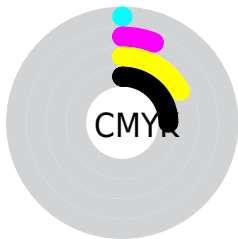
Blue (63%)



Red (69%)

Yellow (75%)

Blue (63%)

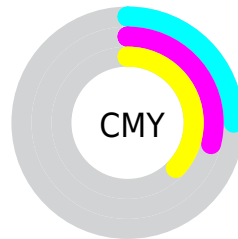


Cyan (0%)

Magenta (6%)

Yellow (17%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7923, 0.3396, 0.3563 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 46.7923, 0.3396, 0.3563 by changing the saturation by 10% instead.


 46.7923, 0.3396,
0.3563

 46.7923, 0.3396,
0.3563

373.9849, 0.3262,
0.3427

 32.8715, 0.3429,
0.3597


 85.4035, 0.3347,
0.3514

 22.0280, 0.3472,
0.3640


 110.8627, 0.3329,
0.3495

 13.8775, 0.3529,
0.3698


140.9368, 0.3313,
0.3479

 8.0355, 0.3609,
0.3778

176.0102, 0.3300,
0.3466

 4.1177, 0.3726,
0.3895

216.4673, 0.3289,
0.3454

 1.7396, 0.3919,
0.4088

262.6926, 0.3278,

 0.4491, 0.4924,

0.3444

0.5076

315.0703, 0.3270,
0.3435

0.0000, 0.0000,
0.0000

46.7923, 0.3396,
0.3563

46.7923, 0.3396,
0.3563

43.5638, 0.3579,
0.3735

50.2547, 0.3229,
0.3396

40.5565, 0.3776,
0.3907

53.9510, 0.3079,
0.3238

37.7657, 0.3984,
0.4073

57.8890, 0.2944,
0.3090

35.1840, 0.4197,
0.4222

62.0743, 0.2824,
0.2952

32.8033, 0.4406,
0.4345

66.4492, 0.2723,
0.2836

■ 30.6149, 0.4602,
0.4429

■ 69.8398, 0.2729,
0.2910

■ 28.6088, 0.4774,
0.4466

■ 73.3662, 0.2736,
0.2984

■ 26.7723, 0.4915,
0.4454

■ 77.0297, 0.2742,
0.3057

■ 26.1876, 0.4959,
0.4444

■ 80.8318, 0.2748,
0.3130

Harmonies

Analogous

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



46.7923, 0.3460, 0.3467



46.7923, 0.3396, 0.3563



46.7923, 0.3260, 0.3586

Triad

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



46.7923, 0.3396, 0.3563



46.7923, 0.2831, 0.3238



46.7923, 0.3157, 0.3071

Complementary

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



46.7923, 0.3396, 0.3563



40.3794, 0.2866, 0.3001

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.



46.7923, 0.2990, 0.3010



46.7923, 0.3396, 0.3563



46.7923, 0.2805, 0.3101

Square

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



46.7923, 0.3396, 0.3563



46.7923, 0.2934, 0.3395



46.7923, 0.2862, 0.3020



46.7923, 0.3321, 0.3186

Rectangle

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



46.7923, 0.3396, 0.3563



46.7923, 0.3148, 0.3554



46.7923, 0.2862, 0.3020



46.7923, 0.3100, 0.3043

Sweetspot

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



46.7944, 0.3396, 0.3563



92.1261, 0.3204, 0.3371



39.2890, 0.3334, 0.3144



19.6648, 0.3215, 0.3382



97.7402, 0.3127, 0.3290



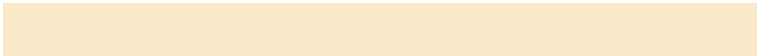
20.4902, 0.3127, 0.3290

Same Dimension

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



46.7944, 0.3396, 0.3563



82.6322, 0.3461, 0.3626



50.8047, 0.3333, 0.3704



11.1589, 0.3273, 0.3441



17.7791, 0.4947, 0.4454



0.8921, 0.4739, 0.4619

Inverse Universe

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



40.3794, 0.2866, 0.3001



68.8042, 0.2804, 0.2930



36.9216, 0.2901, 0.2852



10.2991, 0.2984, 0.3134



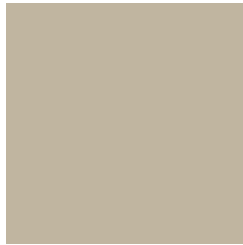
5.2922, 0.1645, 0.1121



0.3580, 0.1774, 0.1587

Previews

White Background



This preview shows how the Yxy color 46.7923, 0.3396, 0.3563 looks on a white background.

Color Contrast Check

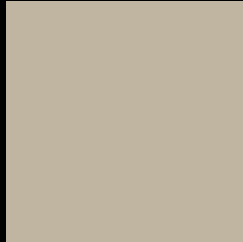
Large Text (above 18pt) WCAG AA × Fail

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 46.7923, 0.3396, 0.3563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

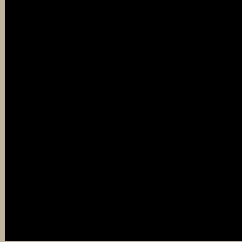
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

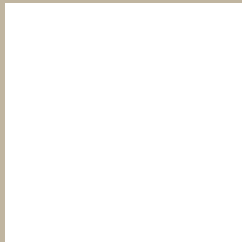
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.7923, 0.3396, 0.3563

Background



This preview shows how black text looks on a background with the Yxy color 46.7923, 0.3396, 0.3563.



This preview shows how white text looks on a background with the Yxy color 46.7923, 0.3396, 0.3563.

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

46.7923, 0.3396, 0.3563

Protanopia

46.9411, 0.3376, 0.3577

Deuteranopia

46.4986, 0.3540, 0.3465



Tritanopia

46.8977, 0.3187, 0.3128

Trichromacy



Original Color

46.7923, 0.3396, 0.3563

Protanomaly

47.0703, 0.3385, 0.3576

Deuteranomaly

46.5740, 0.3488, 0.3493

Tritanomaly

46.6976, 0.3268, 0.3278

Monochromacy



Original Color

46.7923, 0.3396, 0.3563

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.9510, 0.3226, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7923, 0.3396, 0.3563 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(192, 181, 160)` looks like.

```
.text, #text, p{  
    color:rgb(192, 181, 160)  
}
```

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(192, 181, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 181, 160) }
```

Border

The CSS property to change the border of an element to Yxy 46.7923, 0.3396, 0.3563 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(192, 181, 160) }
```

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

```
.border{ border-color:rgb(192, 181, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 181, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 181, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 181, 160);  
box-shadow:4px 4px 4px 4px rgb(192, 181,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7923, 0.3396, 0.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 181, 160) }
```

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

```
.background{ background-color: rgb(192,  
181, 160) }
```

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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