

Converting Colors

$Yxy(46.4077, 0.3357, 0.3625)$

Have a look what the booklet for
Yxy(46.4077, 0.3357, 0.3625)
contains.

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Color

Yxy(46.2045, 0.3356, 0.3621)

Conversions

Conversions Part 1

Format	Color
Hex	B9B69D
RGB	185, 182, 157
RGB Percent	73%, 71%, 62%
CMY	0.2745, 0.2863, 0.3842
CMYK	0.00, 0.02, 0.15, 0.27
HSL	54°, 17%, 67%
HSV	54°, 15%, 73%
XYZ	42.8231, 46.2045, 38.5739
YIQ	180.0470, 9.8130, -7.1390

Conversions

Conversions Part 2

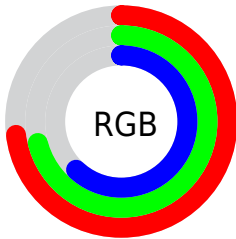
Format	Color
RYB	160, 185, 157
Decimal	12170909
CIELab	73.68, -3.23, 13.10
CIELCh	74, 13.494, 103.865
Yxy	46.2045, 0.3356, 0.3621
Android (android.graphics.Color)	4290360989 (0xFFB9B69D)
YUV	180.0470, -11.3622, 4.3438
Hunter-Lab	67.9739, -6.5006, 13.9357

Details

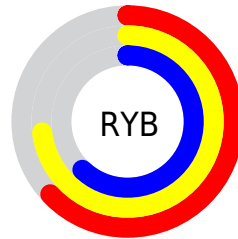
The Yxy color **46.2045, 0.3356, 0.3621** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.8258, 0.2888, 0.2936**, and the grayscale version is **45.7285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6033, 0.3311, 0.3558**, and **21.6467, 0.3421, 0.3708** is the 20% darker color. If you saturate the color by 10%, you get **44.8156, 0.3515, 0.3846**, and if you desaturate by 10%, it is **47.7047, 0.3202, 0.3400**.

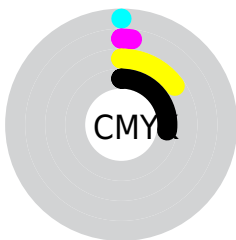
Distribution



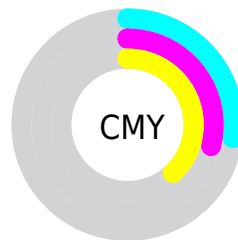
- Red (73%)
- Green (71%)
- Blue (62%)



- Red (63%)
- Yellow (73%)
- Blue (62%)



- Cyan (0%)
- Magenta (2%)
- Yellow (15%)
- Black (27%)



- Cyan (27%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2045, 0.3356, 0.3621 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 46.2045, 0.3356, 0.3621 by changing the saturation by 10% instead.

■ 46.2045, 0.3356,
0.3621

■ 46.2045, 0.3356,
0.3621

■ 371.6302, 0.3242,
0.3454

■ 32.4072, 0.3384,
0.3663

■ 84.5250, 0.3315,
0.3560

■ 21.6727, 0.3420,
0.3717

■ 109.8169, 0.3299,
0.3537

■ 13.6166, 0.3468,
0.3790

■ 139.7093, 0.3286,
0.3518

■ 7.8545, 0.3534,
0.3891

■ 174.5864, 0.3275,
0.3502

■ 4.0020, 0.3629,
0.4044

■ 214.8326, 0.3265,
0.3487

■ 1.6747, 0.3798,
0.4314

■ 260.8324, 0.3256,

■ 0.4072, 0.4307,

0.3475

0.5693

312.9701, 0.3249,
0.3464

0.0000, 0.0000,
0.0000

46.2045, 0.3356,
0.3621

46.2045, 0.3356,
0.3621

44.8156, 0.3515,
0.3846

47.7047, 0.3202,
0.3400

43.5275, 0.3677,
0.4069

49.3140, 0.3058,
0.3188

42.3376, 0.3835,
0.4282

51.0384, 0.2923,
0.2988

41.2408, 0.3984,
0.4474

52.8816, 0.2799,
0.2801

40.2315, 0.4117,
0.4637

54.8469, 0.2686,
0.2630

■ 39.3036, 0.4228,
0.4762

■ 56.0696, 0.2656,
0.2598

■ 38.4497, 0.4314,
0.4844

■ 56.9569, 0.2659,
0.2621

■ 37.6610, 0.4372,
0.4883

■ 57.8561, 0.2661,
0.2644

■ 37.2902, 0.4395,
0.4893

■ 58.7670, 0.2663,
0.2668

Harmonies

Analogous

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



46.2045, 0.3475, 0.3552



46.2045, 0.3356, 0.3621



46.2045, 0.3178, 0.3598

Triad

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



46.2045, 0.3356, 0.3621



46.2045, 0.2770, 0.3146



46.2045, 0.3259, 0.3106

Complementary

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



46.2045, 0.3356, 0.3621



35.8258, 0.2888, 0.2936

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.



46.2045, 0.3068, 0.3004



46.2045, 0.3356, 0.3621



46.2045, 0.2789, 0.3022

Square

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



46.2045, 0.3356, 0.3621



46.2045, 0.2842, 0.3316



46.2045, 0.2897, 0.2972



46.2045, 0.3419, 0.3255

Rectangle

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



46.2045, 0.3356, 0.3621



46.2045, 0.3051, 0.3531



46.2045, 0.2897, 0.2972



46.2045, 0.3196, 0.3066

Sweetspot

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



46.2065, 0.3356, 0.3621



85.4502, 0.3202, 0.3399



36.9877, 0.3374, 0.3246



18.3796, 0.3212, 0.3414



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



46.2065, 0.3356, 0.3621



81.9452, 0.3406, 0.3692



46.1633, 0.3256, 0.3670



10.3346, 0.3266, 0.3492



25.4561, 0.4392, 0.4895



0.9448, 0.4334, 0.4941

Inverse Universe

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



35.8258, 0.2888, 0.2936



59.9388, 0.2833, 0.2853



35.9257, 0.2984, 0.2904



8.8702, 0.2984, 0.3079



2.7756, 0.1524, 0.0687



0.1493, 0.1608, 0.0989

Previews

White Background



This preview shows how the Yxy color 46.2045, 0.3356, 0.3621 looks on a white background.

Color Contrast Check

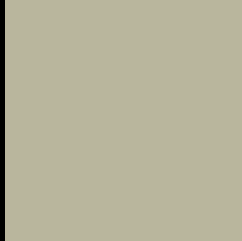
Large Text (above 18pt) WCAG AA × Fail

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 46.2045, 0.3356, 0.3621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

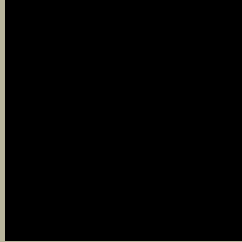
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

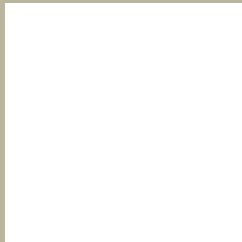
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.2045, 0.3356, 0.3621

Background



This preview shows how black text looks on a background with the Yxy color 46.2045, 0.3356, 0.3621.



This preview shows how white text looks on a background with the Yxy color 46.2045, 0.3356, 0.3621.

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

46.2045, 0.3356, 0.3621

Protanopia

45.9900, 0.3414, 0.3605

Deuteranopia

46.0407, 0.3560, 0.3478



Tritanopia

46.1530, 0.3127, 0.3113

Trichromacy



Original Color

46.2045, 0.3356, 0.3621

Protanomaly

46.1394, 0.3394, 0.3619

Deuteranomaly

46.0550, 0.3487, 0.3533

Tritanomaly

46.1862, 0.3205, 0.3290

Monochromacy



Original Color

46.2045, 0.3356, 0.3621

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.9714, 0.3208, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2045, 0.3356, 0.3621 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(185, 182, 157)` looks like.

```
.text, #text, p{  
    color:rgb(185, 182, 157)  
}
```

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(185, 182, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 182, 157) }
```

Border

The CSS property to change the border of an element to Yxy 46.2045, 0.3356, 0.3621 is called "border". The border property can be set on classes, ids or directly on the HTML element.

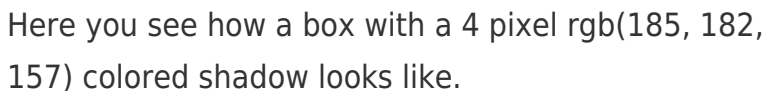
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 182, 157) }
```

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

```
.border{ border-color:rgb(185, 182, 157) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 182, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 182, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 182, 157); box-shadow:4px 4px 4px 4px rgb(185, 182, 157) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2045, 0.3356, 0.3621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 182, 157) }
```

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

```
.background{ background-color: rgb(185,  
182, 157) }
```

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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