

Converting Colors

$Yxy(45.8683, 0.3553, 0.3343)$

Have a look what the booklet for
Yxy(45.8683, 0.3553, 0.3343)
contains.

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Color

Yxy(46.0251, 0.3561, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	D5ABA6
RGB	213, 171, 166
RGB Percent	84%, 67%, 65%
CMY	0.1646, 0.3295, 0.3490
CMYK	0.00, 0.20, 0.22, 0.16
HSL	6°, 36%, 74%
HSV	6°, 22%, 84%
XYZ	48.8948, 46.0251, 42.3865
YIQ	182.9880, 26.6370, 7.3490

Conversions

Conversions Part 2

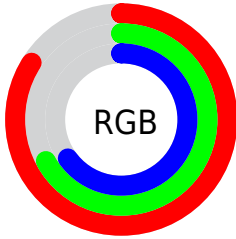
Format	Color
R _Y B	213, 172, 166
Decimal	14003110
CIE Lab	73.56, 14.59, 8.38
CIE LCh	74, 16.826, 29.884
Yxy	46.0251, 0.3561, 0.3352
Android (android.graphics.Color)	4292193190 (0xFFD5ABA6)
YUV	182.9880, -8.3751, 26.3205
Hunter-Lab	67.8418, 9.9250, 10.4458

Details

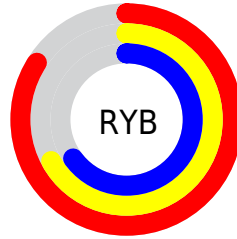
The Yxy color $46.0251, 0.3561, 0.3352$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $58.0526, 0.2797, 0.3227$, and the grayscale version is $47.3855, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.8732, 0.3366, 0.3341$, and $21.6777, 0.3693, 0.3373$ is the 20% darker color. If you saturate the color by 10%, you get $38.6249, 0.3832, 0.3382$, and if you desaturate by 10%, it is $54.5959, 0.3340, 0.3323$.

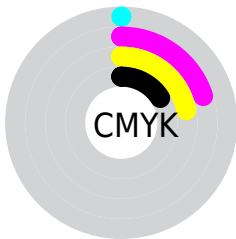
Distribution



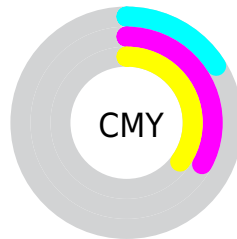
- Red (84%)
- Green (67%)
- Blue (65%)



- Red (84%)
- Yellow (67%)
- Blue (65%)



- Cyan (0%)
- Magenta (20%)
- Yellow (22%)
- Black (16%)





- Cyan (16%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0251, 0.3561, 0.3352 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 46.0251, 0.3561, 0.3352 by changing the saturation by 10% instead.


 46.0251, 0.3561,
0.3352

 46.0251, 0.3561,
0.3352


370.9096, 0.3342,
0.3324

 32.2656, 0.3616,
0.3358


 84.2566, 0.3481,
0.3343

 21.5645, 0.3688,
0.3365


 109.4973, 0.3451,
0.3339

 13.5372, 0.3783,
0.3372


139.3340, 0.3426,
0.3336

 7.7995, 0.3918,
0.3381

174.1510, 0.3404,
0.3333

 3.9669, 0.4121,
0.3389

214.3326, 0.3385,
0.3331

 1.6551, 0.4459,
0.3389

260.2633, 0.3369,

 0.3943, 0.6496,

0.3328

0.3504

312.3275, 0.3355,
0.3326

0.0000, 0.0000,
0.0000

46.0251, 0.3561,
0.3352

46.0251, 0.3561,
0.3352

38.6249, 0.3832,
0.3382

54.5959, 0.3340,
0.3323

32.3384, 0.4159,
0.3411

64.3783, 0.3160,
0.3295

27.1135, 0.4544,
0.3436

75.4193, 0.3014,
0.3270

22.8914, 0.4977,
0.3452

87.7613, 0.2894,
0.3247

19.6077, 0.5427,
0.3452

92.8917, 0.2877,
0.3289

■ 17.1903, 0.5843,
0.3433

■ 15.5564, 0.6161,
0.3394

■ 14.7474, 0.6324,
0.3361

Harmonies

Analogous

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



46.0251, 0.3408, 0.3155



46.0251, 0.3561, 0.3352



46.0251, 0.3592, 0.3542

Triad

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



46.0251, 0.3561, 0.3352



46.0251, 0.3061, 0.3614



46.0251, 0.2766, 0.2911

Complementary

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



46.0251, 0.3561, 0.3352



58.0526, 0.2797, 0.3227

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.



46.0251, 0.2682, 0.3016



46.0251, 0.3561, 0.3352



46.0251, 0.2848, 0.3425

Square

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



46.0251, 0.3561, 0.3352



46.0251, 0.3298, 0.3706



46.0251, 0.2712, 0.3202



46.0251, 0.2946, 0.2906

Rectangle

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



46.0251, 0.3561, 0.3352



46.0251, 0.3540, 0.3640



46.0251, 0.2712, 0.3202



46.0251, 0.2726, 0.2935

Sweetspot

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



46.0272, 0.3561, 0.3352



89.1401, 0.3245, 0.3309



45.9977, 0.3192, 0.2796



18.8886, 0.3256, 0.3311



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.



46.0272, 0.3561, 0.3352



64.2761, 0.3668, 0.3365



55.5892, 0.3503, 0.3627



12.6304, 0.3288, 0.3315



9.0769, 0.6309, 0.3373



0.6209, 0.6077, 0.3557

Inverse Universe

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



58.0526, 0.2797, 0.3227



85.1211, 0.2738, 0.3214



47.5365, 0.2775, 0.2928



13.8726, 0.2983, 0.3265



25.6359, 0.2154, 0.2956



1.6122, 0.2172, 0.3018

Previews

White Background



This preview shows how the Yxy color 46.0251, 0.3561, 0.3352 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 46.0251, 0.3561, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

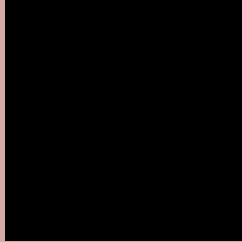
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.0251, 0.3561, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 46.0251, 0.3561, 0.3352.



This preview shows how white text looks on a background with the Yxy color 46.0251, 0.3561, 0.3352.

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

46.0251, 0.3561, 0.3352

Protanopia

46.1476, 0.3261, 0.3408

Deuteranopia

46.2139, 0.3476, 0.3416



Tritanopia

46.2004, 0.3438, 0.3135

Trichromacy



Original Color

46.0251, 0.3561, 0.3352

Protanomaly

46.0446, 0.3364, 0.3393

Deuteranomaly

46.2541, 0.3506, 0.3403

Tritanomaly

46.1802, 0.3481, 0.3219

Monochromacy



Original Color

46.0251, 0.3561, 0.3352

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.8839, 0.3275, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0251, 0.3561, 0.3352 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(213, 171, 166)` looks like.

```
.text, #text, p{  
    color:rgb(213, 171, 166)  
}
```

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(213, 171, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 171, 166) }
```

Border

The CSS property to change the border of an element to Yxy 46.0251, 0.3561, 0.3352 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(213, 171, 166) }
```

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

```
.border{ border-color:rgb(213, 171, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 171, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 171, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 171, 166);  
box-shadow:4px 4px 4px 4px rgb(213, 171,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0251, 0.3561, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 171, 166) }
```

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

```
.background{ background-color: rgb(213,  
171, 166) }
```

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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