

Converting Colors

$Yxy(44.6428, 0.3639, 0.3548)$

Have a look what the booklet for
Yxy(44.6428, 0.3639, 0.3548)
contains.

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Color

Yxy(44.6256, 0.3642, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	CFAB97
RGB	207, 171, 151
RGB Percent	81%, 67%, 59%
CMY	0.1882, 0.3294, 0.4078
CMYK	0.00, 0.17, 0.27, 0.19
HSL	21°, 37%, 70%
HSV	21°, 27%, 81%
XYZ	45.8855, 44.6256, 35.4787
YIQ	179.4840, 27.8760, 1.4120

Conversions

Conversions Part 2

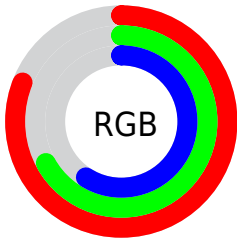
Format	Color
R _Y B	207, 182, 151
Decimal	13609879
CIE Lab	72.64, 10.15, 15.21
CIE LCh	73, 18.285, 56.288
Yxy	44.6256, 0.3642, 0.3542
Android (android.graphics.Color)	4291799959 (0xFFCFAB97)
YUV	179.4840, -14.0426, 24.1315
Hunter-Lab	66.8024, 5.7046, 15.2728

Details

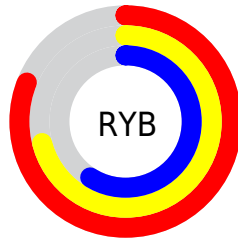
The Yxy color $44.6256, 0.3642, 0.3542$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $46.6420, 0.2710, 0.3023$, and the grayscale version is $45.4187, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.0605, 0.3477, 0.3503$, and $20.7892, 0.3796, 0.3612$ is the 20% darker color. If you saturate the color by 10%, you get $39.2336, 0.3893, 0.3640$, and if you desaturate by 10%, it is $50.6466, 0.3426, 0.3445$.

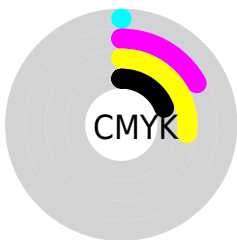
Distribution



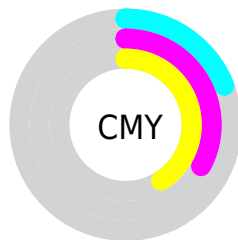
- Red (81%)
- Green (67%)
- Blue (59%)



- Red (81%)
- Yellow (71%)
- Blue (59%)



- Cyan (0%)
- Magenta (17%)
- Yellow (27%)
- Black (19%)





- Cyan (19%)
- Magenta (33%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6256, 0.3642, 0.3542 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 44.6256, 0.3642, 0.3542 by changing the saturation by 10% instead.

 44.6256, 0.3642,
0.3542


 44.6256, 0.3642,
0.3542


365.2551, 0.3381,
0.3420

 31.1626, 0.3708,
0.3571


 82.1583, 0.3546,
0.3499

 20.7227, 0.3793,
0.3607


 106.9968, 0.3511,
0.3482

 12.9215, 0.3908,
0.3653

136.3960, 0.3481,
0.3468

 7.3745, 0.4068,
0.3714

170.7402, 0.3455,
0.3456

 3.6974, 0.4307,
0.3794

210.4138, 0.3433,
0.3445

 1.5058, 0.4798,
0.3983

255.8012, 0.3413,

 0.2928, 0.6424,

0.3436

0.3576

307.2868, 0.3396,
0.3428

0.0000, 0.0000,
0.0000

44.6256, 0.3642,
0.3542

44.6256, 0.3642,
0.3542

39.2336, 0.3893,
0.3640

50.6466, 0.3426,
0.3445

34.4433, 0.4179,
0.3733

57.3104, 0.3241,
0.3352

30.2344, 0.4498,
0.3814

64.6381, 0.3083,
0.3265

26.5829, 0.4838,
0.3869

72.6481, 0.2950,
0.3185

23.4632, 0.5179,
0.3888

81.3578, 0.2836,
0.3111

■ 20.8467, 0.5495,
0.3859

■ 89.4122, 0.2841,
0.3247

■ 18.7007, 0.5758,
0.3781

■ 92.0080, 0.2844,
0.3289

■ 18.1479, 0.5829,
0.3754

Harmonies

Analogous

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



44.6256, 0.3590, 0.3330



44.6256, 0.3642, 0.3542



44.6256, 0.3549, 0.3700

Triad

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



44.6256, 0.3642, 0.3542



44.6256, 0.2845, 0.3467



44.6256, 0.2900, 0.2865

Complementary

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



44.6256, 0.3642, 0.3542



46.6420, 0.2710, 0.3023

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.



44.6256, 0.2715, 0.2883



44.6256, 0.3642, 0.3542



44.6256, 0.2684, 0.3221

Square

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



44.6256, 0.3642, 0.3542



44.6256, 0.3085, 0.3666



44.6256, 0.2638, 0.3008



44.6256, 0.3153, 0.2951

Rectangle

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



44.6256, 0.3642, 0.3542



44.6256, 0.3421, 0.3748



44.6256, 0.2638, 0.3008



44.6256, 0.2828, 0.2859

Sweetspot

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



44.6277, 0.3642, 0.3542



90.6674, 0.3259, 0.3361



39.0115, 0.3340, 0.2844



19.0476, 0.3285, 0.3375



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.



44.6277, 0.3642, 0.3542



66.7764, 0.3771, 0.3594



56.1739, 0.3557, 0.3868



12.4887, 0.3282, 0.3374



11.5950, 0.5804, 0.3774



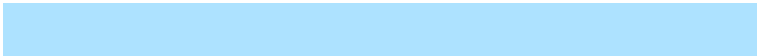
0.7966, 0.5451, 0.4054

Inverse Universe

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



46.6420, 0.2710, 0.3023



70.4794, 0.2628, 0.2962



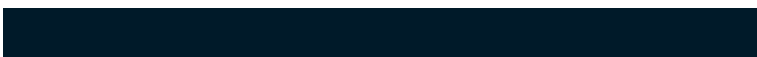
36.0257, 0.2672, 0.2637



12.6677, 0.2983, 0.3205



13.6158, 0.1913, 0.2086



0.9083, 0.1981, 0.2332

Previews

White Background



This preview shows how the Yxy color 44.6256, 0.3642, 0.3542 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 44.6256, 0.3642, 0.3542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

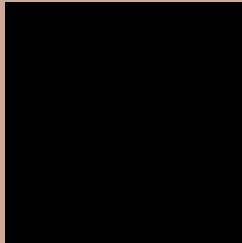
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6256, 0.3642, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 44.6256, 0.3642, 0.3542.



This preview shows how white text looks on a background with the Yxy color 44.6256, 0.3642, 0.3542.

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

44.6256, 0.3642, 0.3542

Protanopia

44.7387, 0.3408, 0.3609

Deuteranopia

44.7185, 0.3620, 0.3556



Tritanopia

44.6344, 0.3413, 0.3132

Trichromacy



Original Color

44.6256, 0.3642, 0.3542

Protanomaly

44.4292, 0.3489, 0.3578

Deuteranomaly

44.8612, 0.3629, 0.3555

Tritanomaly

44.4251, 0.3503, 0.3279

Monochromacy



Original Color

44.6256, 0.3642, 0.3542

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.7341, 0.3302, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6256, 0.3642, 0.3542 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(207, 171, 151)` looks like.

```
.text, #text, p{  
    color:rgb(207, 171, 151)  
}
```

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(207, 171, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 171, 151) }
```

Border

The CSS property to change the border of an element to Yxy 44.6256, 0.3642, 0.3542 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(207, 171, 151) }
```

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

```
.border{ border-color:rgb(207, 171, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 171, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 171, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 171, 151);  
box-shadow:4px 4px 4px 4px rgb(207, 171,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6256, 0.3642, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 171, 151) }
```

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

```
.background{ background-color: rgb(207,  
171, 151) }
```

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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