

Converting Colors

$Yxy(44.5270, 0.3650, 0.3552)$

Have a look what the booklet for
Yxy(44.5270, 0.3650, 0.3552)
contains.

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Color

Yxy(44.5932, 0.3651, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	CFAB96
RGB	207, 171, 150
RGB Percent	81%, 67%, 59%
CMY	0.1883, 0.3294, 0.4118
CMYK	0.00, 0.17, 0.28, 0.19
HSL	22°, 37%, 70%
HSV	22°, 28%, 81%
XYZ	45.7974, 44.5932, 35.0474
YIQ	179.3700, 28.1970, 1.1010

Conversions

Conversions Part 2

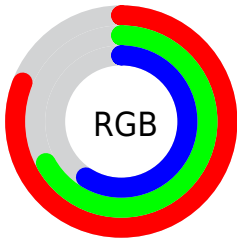
Format	Color
RYB	207, 183, 150
Decimal	13609878
CIELab	72.62, 9.99, 15.73
CIELCh	73, 18.637, 57.587
Yxy	44.5932, 0.3651, 0.3555
Android (android.graphics.Color)	4291799958 (0xFFCFAB96)
YUV	179.3700, -14.4794, 24.2315
Hunter-Lab	66.7781, 5.5561, 15.6274

Details

The Yxy color $44.5932, 0.3651, 0.3555$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $46.0972, 0.2701, 0.3008$, and the grayscale version is $45.3550, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.0123, 0.3484, 0.3513$, and $20.7699, 0.3809, 0.3629$ is the 20% darker color. If you saturate the color by 10%, you get $39.2907, 0.3901, 0.3656$, and if you desaturate by 10%, it is $50.5058, 0.3434, 0.3455$.

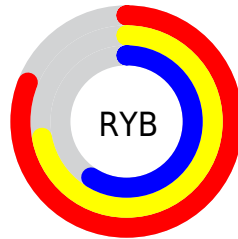
Distribution



Red (81%)

Green (67%)

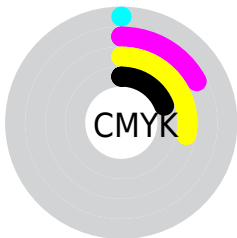
Blue (59%)



Red (81%)

Yellow (72%)

Blue (59%)

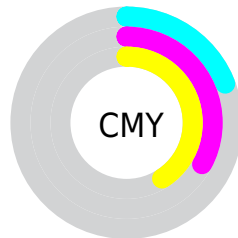


Cyan (0%)

Magenta (17%)

Yellow (28%)

Black (19%)



Cyan (19%)


Magenta (33%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5932, 0.3651, 0.3555 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 44.5932, 0.3651, 0.3555 by changing the saturation by 10% instead.


 44.5932, 0.3651,
0.3555


 44.5932, 0.3651,
0.3555


365.1235, 0.3385,
0.3427

 31.1371, 0.3718,
0.3585


 82.1096, 0.3554,
0.3509

 20.7033, 0.3805,
0.3624


 106.9388, 0.3517,
0.3492

 12.9073, 0.3921,
0.3672


136.3277, 0.3487,
0.3477

 7.3647, 0.4083,
0.3736

170.6609, 0.3461,
0.3464

 3.6912, 0.4326,
0.3821

210.3227, 0.3438,
0.3453

 1.5024, 0.4839,
0.4030

255.6974, 0.3418,

 0.2904, 0.6416,

0.3443

0.3584

307.1696, 0.3401,
0.3434

0.0000, 0.0000,
0.0000

44.5932, 0.3651,
0.3555

44.5932, 0.3651,
0.3555

39.2907, 0.3901,
0.3656

50.5058, 0.3434,
0.3455

34.5717, 0.4186,
0.3752

57.0414, 0.3249,
0.3359

30.4168, 0.4502,
0.3834

64.2206, 0.3090,
0.3268

26.8029, 0.4837,
0.3891

72.0609, 0.2956,
0.3185

23.7053, 0.5172,
0.3911

80.5791, 0.2840,
0.3108

■ 21.0966, 0.5481,
0.3881

■ 88.4929, 0.2840,
0.3231

■ 18.9444, 0.5738,
0.3802

■ 92.0036, 0.2844,
0.3289

■ 18.4753, 0.5796,
0.3780

Harmonies

Analogous

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



44.5932, 0.3605, 0.3340



44.5932, 0.3651, 0.3555



44.5932, 0.3550, 0.3712

Triad

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



44.5932, 0.3651, 0.3555



44.5932, 0.2831, 0.3460



44.5932, 0.2906, 0.2859

Complementary

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



44.5932, 0.3651, 0.3555



46.0972, 0.2701, 0.3008

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.



44.5932, 0.2713, 0.2872



44.5932, 0.3651, 0.3555



44.5932, 0.2671, 0.3209

Square

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



44.5932, 0.3651, 0.3555



44.5932, 0.3073, 0.3667



44.5932, 0.2629, 0.2995



44.5932, 0.3165, 0.2950

Rectangle

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



44.5932, 0.3651, 0.3555



44.5932, 0.3417, 0.3759



44.5932, 0.2629, 0.2995



44.5932, 0.2831, 0.2851

Sweetspot

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



44.5953, 0.3651, 0.3555



90.8113, 0.3258, 0.3364



38.6256, 0.3354, 0.2846



19.0837, 0.3285, 0.3378



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.



44.5953, 0.3651, 0.3555



66.3763, 0.3794, 0.3615



56.4920, 0.3562, 0.3889



12.5118, 0.3281, 0.3376



11.8082, 0.5772, 0.3799



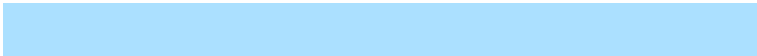
0.8101, 0.5423, 0.4076

Inverse Universe

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



46.0972, 0.2701, 0.3008



69.1598, 0.2612, 0.2939



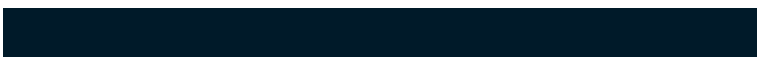
35.3056, 0.2662, 0.2611



12.6438, 0.2983, 0.3202



13.1987, 0.1901, 0.2044



0.8868, 0.1972, 0.2299

Previews

White Background



This preview shows how the Yxy color 44.5932, 0.3651, 0.3555 looks on a white background.

Color Contrast Check

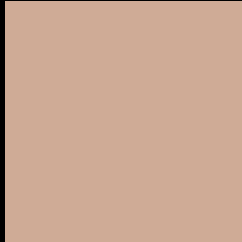
Large Text (above 18pt) WCAG AA × Fail

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 44.5932, 0.3651, 0.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

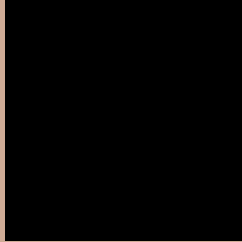
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5932, 0.3651, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 44.5932, 0.3651, 0.3555.



This preview shows how white text looks on a background with the Yxy color 44.5932, 0.3651, 0.3555.

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

44.5932, 0.3651, 0.3555

Protanopia

44.7055, 0.3416, 0.3622

Deuteranopia

44.8289, 0.3638, 0.3568



Tritanopia

44.6344, 0.3413, 0.3132

Trichromacy



Original Color

44.5932, 0.3651, 0.3555

Protanomaly

44.3963, 0.3498, 0.3591

Deuteranomaly

44.8289, 0.3638, 0.3568

Tritanomaly

44.4251, 0.3503, 0.3279

Monochromacy



Original Color

44.5932, 0.3651, 0.3555

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.6966, 0.3310, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5932, 0.3651, 0.3555 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(207, 171, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 171, 150) }
```

Border

The CSS property to change the border of an element to Yxy 44.5932, 0.3651, 0.3555 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, 150) }
```

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

```
.border{ border-color:rgb(207, 171, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 171, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 171, 150);  
box-shadow:4px 4px 4px 4px rgb(207, 171,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5932, 0.3651, 0.3555 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, 150) }
```

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

```
.background{ background-color: rgb(207,  
171, 150) }
```

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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