

Converting Colors

$Y_{xy}(40.5763, 0.3655, 0.3551)$

Have a look what the booklet for
Yxy(40.5763, 0.3655, 0.3551)
contains.

Yxy(40.7066, 0.3653, 0.3552)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.7066, 0.3653, 0.3552)

Conversions

Conversions Part 1

Format	Color
Hex	C7A490
RGB	199, 164, 144
RGB Percent	78%, 64%, 56%
CMY	0.2196, 0.3569, 0.4353
CMYK	0.00, 0.18, 0.28, 0.22
HSL	22°, 33%, 67%
HSV	22°, 28%, 78%
XYZ	41.8641, 40.7066, 32.0312
YIQ	172.1850, 27.2800, 1.2000

Conversions

Conversions Part 2

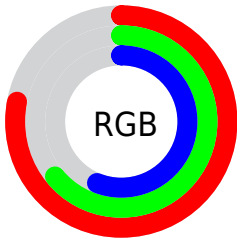
Format	Color
R _Y B	199, 175, 144
Decimal	13083792
CIE Lab	69.97, 9.87, 15.21
CIE LCh	70, 18.129, 57.026
Yxy	40.7066, 0.3653, 0.3552
Android (android.graphics.Color)	4291273872 (0xFFC7A490)
YUV	172.1850, -13.8952, 23.5168
Hunter-Lab	63.8017, 5.4714, 14.8951

Details

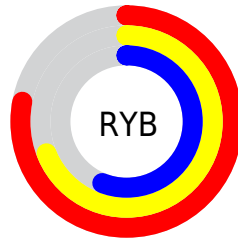
The Yxy color **40.7066, 0.3653, 0.3552** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.2919, 0.2701, 0.3012**, and the grayscale version is **41.4158, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0003, 0.3541, 0.3505**, and **18.3258, 0.3806, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **35.8436, 0.3904, 0.3652**, and if you desaturate by 10%, it is **46.1319, 0.3436, 0.3453**.

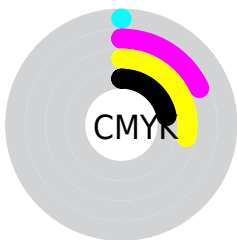
Distribution



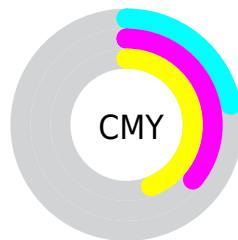
- Red (78%)
- Green (64%)
- Blue (56%)



- Red (78%)
- Yellow (69%)
- Blue (56%)



- Cyan (0%)
- Magenta (18%)
- Yellow (28%)
- Black (22%)





- Cyan (22%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7066, 0.3653, 0.3552 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 40.7066, 0.3653, 0.3552 by changing the saturation by 10% instead.


 40.7066, 0.3653,
0.3552


 40.7066, 0.3653,
0.3552


349.0929, 0.3382,
0.3423

 28.0899, 0.3723,
0.3583


 76.2383, 0.3553,
0.3506

 18.3934, 0.3814,
0.3622


 99.9221, 0.3516,
0.3488

 11.2328, 0.3937,
0.3673


128.0637, 0.3485,
0.3473

 6.2237, 0.4112,
0.3739

161.0475, 0.3458,
0.3461

 2.9816, 0.4379,
0.3829

199.2580, 0.3435,
0.3449

 1.1221, 0.5216,
0.4259

243.0794, 0.3415,

 0.0000, 1.0000,

0.3440

0.0000

292.8962, 0.3398,
0.3431

0.0000, 0.0000,
0.0000

40.7066, 0.3653,
0.3552

40.7066, 0.3653,
0.3552

35.8436, 0.3904,
0.3652

46.1319, 0.3436,
0.3453

31.5186, 0.4189,
0.3746

52.1317, 0.3250,
0.3359

27.7135, 0.4506,
0.3827

58.7248, 0.3092,
0.3270

24.4070, 0.4842,
0.3883

65.9274, 0.2957,
0.3188

21.5761, 0.5179,
0.3901

73.7553, 0.2842,
0.3112

■ 19.1957, 0.5490,
0.3872

■ 81.6707, 0.2788,
0.3130

■ 17.2355, 0.5749,
0.3793

■ 89.3873, 0.2798,
0.3264

■ 16.8283, 0.5806,
0.3772

■ 90.8837, 0.2800,
0.3289

Harmonies

Analogous

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



40.7066, 0.3604, 0.3336



40.7066, 0.3653, 0.3552



40.7066, 0.3555, 0.3712

Triad

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



40.7066, 0.3653, 0.3552



40.7066, 0.2834, 0.3465



40.7066, 0.2901, 0.2857

Complementary

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



40.7066, 0.3653, 0.3552



42.2919, 0.2701, 0.3012

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.



40.7066, 0.2709, 0.2872



40.7066, 0.3653, 0.3552



40.7066, 0.2672, 0.3213

Square

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



40.7066, 0.3653, 0.3552



40.7066, 0.3077, 0.3671



40.7066, 0.2627, 0.2998



40.7066, 0.3160, 0.2947

Rectangle

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



40.7066, 0.3653, 0.3552



40.7066, 0.3422, 0.3759



40.7066, 0.2627, 0.2998



40.7066, 0.2827, 0.2850

Sweetspot

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



40.7085, 0.3653, 0.3552



90.7512, 0.3259, 0.3363



35.3720, 0.3345, 0.2835



19.0686, 0.3285, 0.3377



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.



40.7085, 0.3653, 0.3552



66.1813, 0.3795, 0.3610



51.3131, 0.3566, 0.3879



11.2580, 0.3281, 0.3375



10.9727, 0.5781, 0.3792



0.6572, 0.5382, 0.4109

Inverse Universe

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



42.2919, 0.2701, 0.3012



69.3838, 0.2612, 0.2944



32.5875, 0.2662, 0.2623



11.3937, 0.2984, 0.3204



12.5201, 0.1907, 0.2065



0.7271, 0.1986, 0.2349

Previews

White Background



This preview shows how the Yxy color 40.7066, 0.3653, 0.3552 looks on a white background.

Color Contrast Check

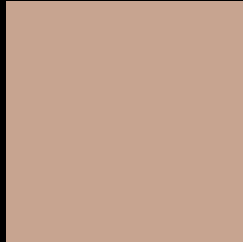
Large Text (above 18pt) WCAG AA × Fail

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 40.7066, 0.3653, 0.3552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

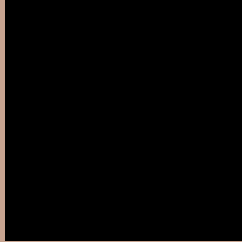
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.7066, 0.3653, 0.3552

Background



This preview shows how black text looks on a background with the Yxy color 40.7066, 0.3653, 0.3552.



This preview shows how white text looks on a background with the Yxy color 40.7066, 0.3653, 0.3552.

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

40.7066, 0.3653, 0.3552

Protanopia

40.9357, 0.3419, 0.3621

Deuteranopia

40.7942, 0.3630, 0.3567



Tritanopia

40.6767, 0.3424, 0.3139

Trichromacy



Original Color

40.7066, 0.3653, 0.3552

Protanomaly

40.6454, 0.3503, 0.3588

Deuteranomaly

40.9297, 0.3639, 0.3566

Tritanomaly

40.5159, 0.3508, 0.3278

Monochromacy



Original Color

40.7066, 0.3653, 0.3552

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.9297, 0.3308, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7066, 0.3653, 0.3552 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(199, 164, 144)` looks like.

```
.text, #text, p{  
    color:rgb(199, 164, 144)  
}
```

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(199, 164, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 164, 144) }
```

Border

The CSS property to change the border of an element to Yxy 40.7066, 0.3653, 0.3552 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(199, 164, 144) }
```

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

```
.border{ border-color:rgb(199, 164, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 164, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 164, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 164, 144);  
box-shadow:4px 4px 4px 4px rgb(199, 164,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7066, 0.3653, 0.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 164, 144) }
```

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

```
.background{ background-color: rgb(199,  
164, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor