

Converting Colors

$Yxy(40.6161, 0.3681, 0.3591)$

Have a look what the booklet for
Yxy(40.6161, 0.3681, 0.3591)
contains.

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Color

Yxy(40.6161, 0.3681, 0.3591)

Conversions

Conversions Part 1

Format	Color
Hex	C7A48D
RGB	199, 164, 141
RGB Percent	78%, 64%, 55%
CMY	0.2197, 0.3568, 0.4469
CMYK	0.00, 0.18, 0.29, 0.22
HSL	24°, 34%, 67%
HSV	24°, 29%, 78%
XYZ	41.6340, 40.6161, 30.8551
YIQ	171.8430, 28.2430, 0.2670

Conversions

Conversions Part 2

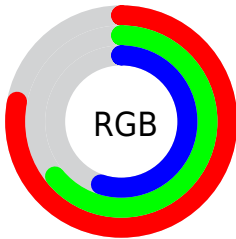
Format	Color
R_{YB}	199, 179, 141
Decimal	13083789
CIE _{Lab}	69.91, 9.44, 16.75
CIE _{LCh}	70, 19.226, 60.581
Yxy	40.6161, 0.3681, 0.3591
Android (android.graphics.Color)	4291273869 (0xFFC7A48D)
YUV	171.8430, -15.2056, 23.8167
Hunter-Lab	63.7308, 5.0817, 15.9064

Details

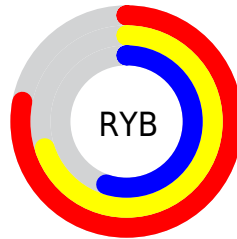
The Yxy color $40.6161, 0.3681, 0.3591$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $40.8378, 0.2676, 0.2967$, and the grayscale version is $41.2401, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.8632, 0.3562, 0.3536$, and $18.2730, 0.3847, 0.3664$ is the 20% darker color. If you saturate the color by 10%, you get $35.9806, 0.3931, 0.3699$, and if you desaturate by 10%, it is $45.7675, 0.3463, 0.3483$.

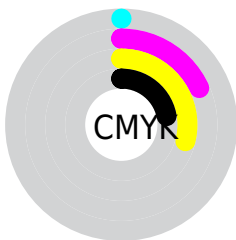
Distribution



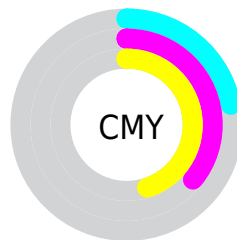
- Red (78%)
- Green (64%)
- Blue (55%)



- Red (78%)
- Yellow (70%)
- Blue (55%)



- Cyan (0%)
- Magenta (18%)
- Yellow (29%)
- Black (22%)





- Cyan (22%)
- Magenta (36%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6161, 0.3681, 0.3591 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 40.6161, 0.3681, 0.3591 by changing the saturation by 10% instead.

 40.6161, 0.3681,
0.3591

 40.6161, 0.3681,
0.3591


348.7135, 0.3396,
0.3443

 28.0192, 0.3754,
0.3627


 76.1008, 0.3576,
0.3538

 18.3402, 0.3850,
0.3672


 99.7574, 0.3537,
0.3518

 11.1945, 0.3979,
0.3730


 127.8694, 0.3504,
0.3501

 6.1978, 0.4162,
0.3807

160.8211, 0.3476,
0.3486

 2.9657, 0.4438,
0.3909

198.9970, 0.3452,
0.3473

 1.1139, 0.5429,
0.4477


242.7814, 0.3431,


 0.0000, 1.0000,


0.3462


0.0000

292.5588, 0.3412,
0.3452


 0.0000, 0.0000,
0.0000


 40.6161, 0.3681,
0.3591


 40.6161, 0.3681,
0.3591

 35.9806, 0.3931,
0.3699

 45.7675, 0.3463,
0.3483


 31.8386, 0.4212,
0.3800


 51.4453, 0.3275,
0.3379


 28.1740, 0.4519,
0.3886

 57.6666, 0.3114,
0.3282

 24.9677, 0.4842,
0.3945

 64.4459, 0.2976,
0.3191

 22.1989, 0.5160,
0.3963

 71.7974, 0.2858,
0.3108

■ 19.8447, 0.5450,
0.3931

■ 79.3807, 0.2785,
0.3087

■ 17.8748, 0.5694,
0.3852

■ 86.5310, 0.2794,
0.3216

■ 17.7184, 0.5715,
0.3844

■ 90.8794, 0.2800,
0.3289

Harmonies

Analogous

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



40.6161, 0.3648, 0.3366



40.6161, 0.3681, 0.3591



40.6161, 0.3559, 0.3750

Triad

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



40.6161, 0.3681, 0.3591



40.6161, 0.2790, 0.3445



40.6161, 0.2917, 0.2838

Complementary

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



40.6161, 0.3681, 0.3591



40.8378, 0.2676, 0.2967

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.



40.6161, 0.2703, 0.2839



40.6161, 0.3681, 0.3591



40.6161, 0.2632, 0.3177

Square

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



40.6161, 0.3681, 0.3591



40.6161, 0.3040, 0.3675



40.6161, 0.2601, 0.2958



40.6161, 0.3196, 0.2945

Rectangle

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



40.6161, 0.3681, 0.3591



40.6161, 0.3410, 0.3791



40.6161, 0.2601, 0.2958



40.6161, 0.2835, 0.2825

Sweetspot

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



40.6180, 0.3681, 0.3591



90.0892, 0.3275, 0.3380



34.3625, 0.3379, 0.2833



18.9559, 0.3301, 0.3395



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.



40.6180, 0.3681, 0.3591



65.8444, 0.3837, 0.3660



51.8590, 0.3584, 0.3933



11.3156, 0.3280, 0.3382



11.5562, 0.5690, 0.3864



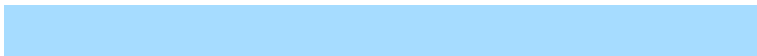
0.6880, 0.5308, 0.4167

Inverse Universe

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



40.8378, 0.2676, 0.2967



66.2799, 0.2577, 0.2885



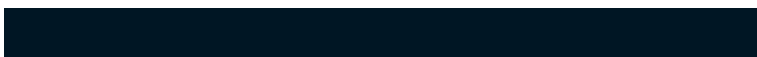
30.9016, 0.2631, 0.2553



11.3343, 0.2984, 0.3196



11.4769, 0.1875, 0.1949



0.6820, 0.1961, 0.2259

Previews

White Background



This preview shows how the Yxy color 40.6161, 0.3681, 0.3591 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 40.6161, 0.3681, 0.3591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

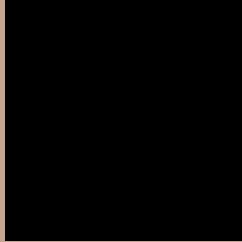
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6161, 0.3681, 0.3591

Background



This preview shows how black text looks on a background with the Yxy color 40.6161, 0.3681, 0.3591.



This preview shows how white text looks on a background with the Yxy color 40.6161, 0.3681, 0.3591.

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

40.6161, 0.3681, 0.3591

Protanopia

40.8427, 0.3445, 0.3663

Deuteranopia

40.4798, 0.3672, 0.3592



Tritanopia

40.6767, 0.3424, 0.3139

Trichromacy



Original Color

40.6161, 0.3681, 0.3591

Protanomaly

40.5532, 0.3531, 0.3629

Deuteranomaly

40.4798, 0.3672, 0.3592

Tritanomaly

40.4805, 0.3518, 0.3291

Monochromacy



Original Color

40.6161, 0.3681, 0.3591

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.8942, 0.3317, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6161, 0.3681, 0.3591 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(199, 164, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 164, 141) }
```

Border

The CSS property to change the border of an element to Yxy 40.6161, 0.3681, 0.3591 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, 141) }
```

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

```
.border{ border-color:rgb(199, 164, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 164, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 164, 141);  
box-shadow:4px 4px 4px 4px rgb(199, 164,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6161, 0.3681, 0.3591 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, 141) }
```

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

```
.background{ background-color: rgb(199,  
164, 141) }
```

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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