

Converting Colors

$Yxy(43.7222, 0.3526, 0.3388)$

Have a look what the booklet for
Yxy(43.7222, 0.3526, 0.3388)
contains.

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Color

Yxy(43.7865, 0.3527, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	CCA9A1
RGB	204, 169, 161
RGB Percent	80%, 66%, 63%
CMY	0.1999, 0.3373, 0.3686
CMYK	0.00, 0.17, 0.21, 0.20
HSL	11°, 30%, 72%
HSV	11°, 21%, 80%
XYZ	45.5292, 43.7865, 39.7719
YIQ	178.5530, 23.4280, 4.9320

Conversions

Conversions Part 2

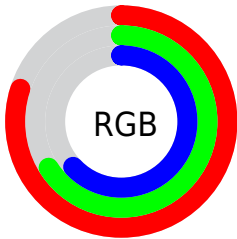
Format	Color
RYB	204, 171, 161
Decimal	13412769
CIELab	72.09, 11.54, 8.90
CIElCh	72, 14.577, 37.655
Yxy	43.7865, 0.3527, 0.3392
Android (android.graphics.Color)	4291602849 (0xFFCCA9A1)
YUV	178.5530, -8.6536, 22.3170
Hunter-Lab	66.1714, 7.0170, 10.6841

Details

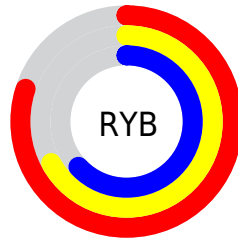
The Yxy color $43.7865, 0.3527, 0.3392$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $51.4375, 0.2809, 0.3186$, and the grayscale version is $44.8691, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.5292, 0.3404, 0.3371$, and $20.2379, 0.3636, 0.3411$ is the 20% darker color. If you saturate the color by 10%, you get $37.3324, 0.3780, 0.3444$, and if you desaturate by 10%, it is $51.1476, 0.3317, 0.3342$.

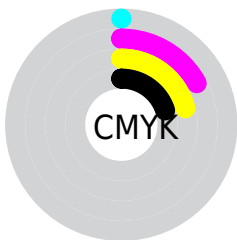
Distribution



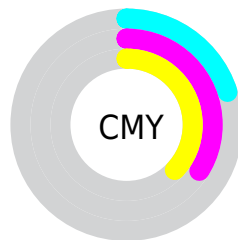
- Red (80%)
- Green (66%)
- Blue (63%)



- Red (80%)
- Yellow (67%)
- Blue (63%)



- Cyan (0%)
- Magenta (17%)
- Yellow (21%)
- Black (20%)





- Cyan (20%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7865, 0.3527, 0.3392 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 43.7865, 0.3527, 0.3392 by changing the saturation by 10% instead.


 43.7865, 0.3527,
0.3392

 43.7865, 0.3527,
0.3392


361.8363, 0.3323,
0.3344

 30.5027, 0.3579,
0.3403


 80.8964, 0.3452,
0.3375

 20.2205, 0.3646,
0.3417

 105.4913, 0.3424,
0.3368

 12.5554, 0.3737,
0.3435


134.6253, 0.3401,
0.3363

 7.1231, 0.3866,
0.3457

168.6828, 0.3381,
0.3358

 3.5392, 0.4062,
0.3486

208.0483, 0.3364,
0.3354

 1.4193, 0.4403,
0.3525

253.1061, 0.3349,

 0.2309, 0.6846,

0.3350

0.3154

304.2407, 0.3335,
0.3347

0.0000, 0.0000,
0.0000

43.7865, 0.3527,
0.3392

43.7865, 0.3527,
0.3392

37.3324, 0.3780,
0.3444

51.1476, 0.3317,
0.3342

31.7443, 0.4083,
0.3495

59.4428, 0.3144,
0.3295

26.9869, 0.4436,
0.3540

68.7056, 0.3001,
0.3252

23.0199, 0.4833,
0.3573

78.9659, 0.2883,
0.3212

19.8000, 0.5253,
0.3584

89.7251, 0.2825,
0.3259

■ 17.2792, 0.5656,
0.3565

■ 91.5817, 0.2827,
0.3289

■ 15.4039, 0.5993,
0.3513

■ 14.2203, 0.6211,
0.3450

Harmonies

Analogous

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



43.7865, 0.3418, 0.3215



43.7865, 0.3527, 0.3392



43.7865, 0.3525, 0.3550

Triad

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



43.7865, 0.3527, 0.3392



43.7865, 0.3017, 0.3538



43.7865, 0.2843, 0.2945

Complementary

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



43.7865, 0.3527, 0.3392



51.4375, 0.2809, 0.3186

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.



43.7865, 0.2744, 0.3017



43.7865, 0.3527, 0.3392



43.7865, 0.2842, 0.3359

Square

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



43.7865, 0.3527, 0.3392



43.7865, 0.3226, 0.3644



43.7865, 0.2743, 0.3166



43.7865, 0.3019, 0.2963

Rectangle

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



43.7865, 0.3527, 0.3392



43.7865, 0.3460, 0.3624



43.7865, 0.2743, 0.3166



43.7865, 0.2800, 0.2959

Sweetspot

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



43.7885, 0.3527, 0.3392



91.3601, 0.3226, 0.3318



42.3251, 0.3220, 0.2861



19.3611, 0.3238, 0.3321



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.



43.7885, 0.3527, 0.3392



67.7852, 0.3629, 0.3414



52.4180, 0.3474, 0.3653



11.5450, 0.3285, 0.3334



9.0482, 0.6190, 0.3467



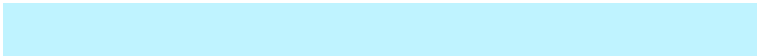
0.5710, 0.5826, 0.3756

Inverse Universe

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



51.4375, 0.2809, 0.3186



82.5281, 0.2747, 0.3162



42.4546, 0.2789, 0.2898



12.3591, 0.2983, 0.3246



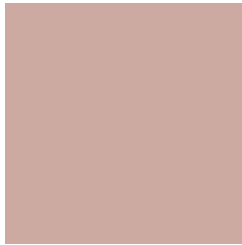
20.0652, 0.2081, 0.2690



1.1293, 0.2117, 0.2820

Previews

White Background



This preview shows how the Yxy color 43.7865, 0.3527, 0.3392 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 43.7865, 0.3527, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

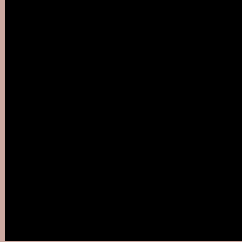
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7865, 0.3527, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 43.7865, 0.3527, 0.3392.



This preview shows how white text looks on a background with the Yxy color 43.7865, 0.3527, 0.3392.

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

43.7865, 0.3527, 0.3392

Protanopia

43.8346, 0.3281, 0.3437

Deuteranopia

43.9784, 0.3484, 0.3419



Tritanopia

43.6489, 0.3386, 0.3130

Trichromacy



Original Color

43.7865, 0.3527, 0.3392

Protanomaly

43.6438, 0.3368, 0.3408

Deuteranomaly

43.7402, 0.3496, 0.3406

Tritanomaly

43.5951, 0.3439, 0.3228

Monochromacy



Original Color

43.7865, 0.3527, 0.3392

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.3299, 0.3268, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7865, 0.3527, 0.3392 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(204, 169, 161)` looks like.

```
.text, #text, p{  
    color:rgb(204, 169, 161)  
}
```

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(204, 169, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 169, 161) }
```

Border

The CSS property to change the border of an element to Yxy 43.7865, 0.3527, 0.3392 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(204, 169, 161) }
```

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

```
.border{ border-color:rgb(204, 169, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 169, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 169, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 169, 161);  
box-shadow:4px 4px 4px 4px rgb(204, 169,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7865, 0.3527, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 169, 161) }
```

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

```
.background{ background-color: rgb(204,  
169, 161) }
```

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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