

Converting Colors

$Y_{xy}(42.3220, 0.3413, 0.3382)$

Have a look what the booklet for
Yxy(42.3220, 0.3413, 0.3382)
contains.

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Color

Yxy(42.3220, 0.3413, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	C1A9A2
RGB	193, 169, 162
RGB Percent	76%, 66%, 64%
CMY	0.2430, 0.3373, 0.3646
CMYK	0.00, 0.12, 0.16, 0.24
HSL	13°, 20%, 70%
HSV	13°, 16%, 76%
XYZ	42.7099, 42.3220, 40.1070
YIQ	175.3780, 16.5510, 2.9110

Conversions

Conversions Part 2

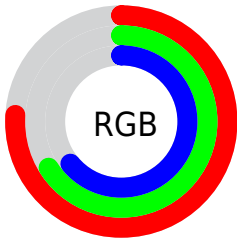
Format	Color
R_{YB}	193, 171, 162
Decimal	12691874
CIE Lab	71.09, 7.57, 6.79
CIE LCh	71, 10.173, 41.885
Yxy	42.3220, 0.3413, 0.3382
Android (android.graphics.Color)	4290881954 (0xFFC1A9A2)
YUV	175.3780, -6.5954, 15.4545
Hunter-Lab	65.0554, 3.3413, 8.9861

Details

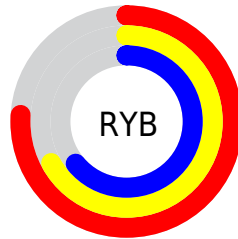
The Yxy color **42.3220, 0.3413, 0.3382** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.6795, 0.2883, 0.3196**, and the grayscale version is **43.1074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6451, 0.3360, 0.3362**, and **19.3373, 0.3502, 0.3416** is the 20% darker color. If you saturate the color by 10%, you get **36.4368, 0.3638, 0.3444**, and if you desaturate by 10%, it is **48.9536, 0.3225, 0.3324**.

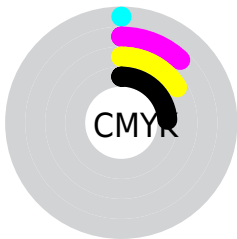
Distribution



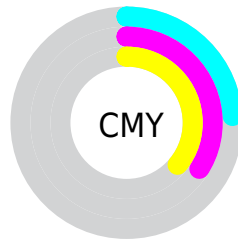
- Red (76%)
- Green (66%)
- Blue (64%)



- Red (76%)
- Yellow (67%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (16%)
- Black (24%)





- Cyan (24%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3220, 0.3413, 0.3382 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 42.3220, 0.3413, 0.3382 by changing the saturation by 10% instead.


 42.3220, 0.3413,
0.3382


 42.3220, 0.3413,
0.3382


355.8160, 0.3267,
0.3337

 29.3535, 0.3451,
0.3393


 78.6867, 0.3359,
0.3366

 19.3484, 0.3499,
0.3407


 102.8518, 0.3339,
0.3360

 11.9223, 0.3565,
0.3425


131.5177, 0.3322,
0.3354

 6.6908, 0.3660,
0.3450

165.0691, 0.3308,
0.3350

 3.2695, 0.3806,
0.3485

203.8902, 0.3296,
0.3346

 1.2740, 0.4063,
0.3541

248.3655, 0.3285,

 0.1209, 0.7126,

0.3343

0.2874

298.8793, 0.3275,
0.3340

0.0000, 0.0000,
0.0000

42.3220, 0.3413,
0.3382

42.3220, 0.3413,
0.3382

36.4368, 0.3638,
0.3444

48.9536, 0.3225,
0.3324

31.2661, 0.3907,
0.3506

56.3508, 0.3069,
0.3269

26.7840, 0.4223,
0.3565

64.5392, 0.2939,
0.3219

22.9612, 0.4583,
0.3614

73.5413, 0.2831,
0.3174

19.7657, 0.4977,
0.3645

83.1492, 0.2758,
0.3170

■ 17.1631, 0.5379,
0.3647

■ 90.0824, 0.2768,
0.3289

■ 15.1153, 0.5747,
0.3613

■ 13.5791, 0.6037,
0.3541

■ 13.0994, 0.6134,
0.3512

Harmonies

Analogous

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



42.3220, 0.3347, 0.3255



42.3220, 0.3413, 0.3382



42.3220, 0.3400, 0.3489

Triad

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



42.3220, 0.3413, 0.3382



42.3220, 0.3030, 0.3448



42.3220, 0.2941, 0.3043

Complementary

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



42.3220, 0.3413, 0.3382



46.6795, 0.2883, 0.3196

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.



42.3220, 0.2860, 0.3087



42.3220, 0.3413, 0.3382



42.3220, 0.2911, 0.3320

Square

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



42.3220, 0.3413, 0.3382



42.3220, 0.3177, 0.3531



42.3220, 0.2850, 0.3187



42.3220, 0.3072, 0.3063

Rectangle

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



42.3220, 0.3413, 0.3382



42.3220, 0.3349, 0.3533



42.3220, 0.2850, 0.3187



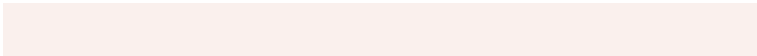
42.3220, 0.2907, 0.3050

Sweetspot

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



42.3239, 0.3413, 0.3382



88.8900, 0.3208, 0.3318



40.7473, 0.3204, 0.2980



18.8779, 0.3220, 0.3322



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.3239, 0.3413, 0.3382



72.2254, 0.3481, 0.3402



48.3358, 0.3382, 0.3576



10.4370, 0.3283, 0.3342



8.8096, 0.6113, 0.3528



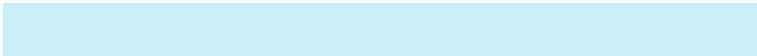
0.4876, 0.5671, 0.3879

Inverse Universe

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



46.6795, 0.2883, 0.3196



81.3759, 0.2835, 0.3176



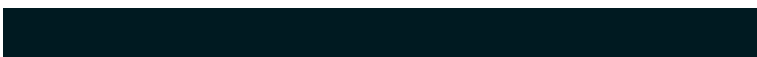
40.5873, 0.2874, 0.2987



11.0319, 0.2984, 0.3237



17.1100, 0.2044, 0.2557



0.8361, 0.2094, 0.2739

Previews

White Background



This preview shows how the Yxy color 42.3220, 0.3413, 0.3382 looks on a white background.

Color Contrast Check

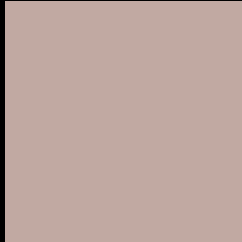
Large Text (above 18pt) WCAG AA × Fail

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 42.3220, 0.3413, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

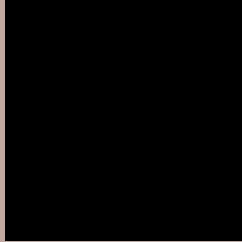
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3220, 0.3413, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 42.3220, 0.3413, 0.3382.



This preview shows how white text looks on a background with the Yxy color 42.3220, 0.3413, 0.3382.

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

42.3220, 0.3413, 0.3382

Protanopia

42.2708, 0.3266, 0.3412

Deuteranopia

42.2160, 0.3434, 0.3369



Tritanopia

42.1292, 0.3283, 0.3124

Trichromacy



Original Color

42.3220, 0.3413, 0.3382

Protanomaly

42.4637, 0.3323, 0.3411

Deuteranomaly

42.0832, 0.3424, 0.3369

Tritanomaly

42.1239, 0.3326, 0.3213

Monochromacy



Original Color

42.3220, 0.3413, 0.3382

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.7345, 0.3233, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3220, 0.3413, 0.3382 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(193, 169, 162)` looks like.

```
.text, #text, p{  
    color:rgb(193, 169, 162)  
}
```

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(193, 169, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 169, 162) }
```

Border

The CSS property to change the border of an element to Yxy 42.3220, 0.3413, 0.3382 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(193, 169, 162) }
```

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

```
.border{ border-color:rgb(193, 169, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 169, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 169, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 169, 162); box-shadow:4px 4px 4px 4px rgb(193, 169, 162) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3220, 0.3413, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 169, 162) }
```

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

```
.background{ background-color: rgb(193,  
169, 162) }
```

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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