

Converting Colors

$Y_{xy}(41.3485, 0.3255, 0.3074)$

Have a look what the booklet for
Yxy(41.3485, 0.3255, 0.3074)
contains.

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Color

Yxy(41.3564, 0.3259, 0.3072)

Conversions

Conversions Part 1

Format	Color
Hex	C2A4B5
RGB	194, 164, 181
RGB Percent	76%, 64%, 71%
CMY	0.2390, 0.3569, 0.2901
CMYK	0.00, 0.15, 0.07, 0.24
HSL	326°, 20%, 70%
HSV	326°, 15%, 76%
XYZ	43.8739, 41.3564, 49.3934
YIQ	174.9080, 12.4230, 11.6470

Conversions

Conversions Part 2

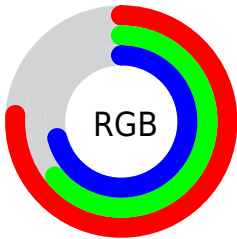
Format	Color
RYB	194, 164, 181
Decimal	12756149
CIELab	70.42, 13.90, -4.67
CIELCh	70, 14.661, 341.445
Yxy	41.3564, 0.3259, 0.3072
Android (android.graphics.Color)	4290946229 (0xFFC2A4B5)
YUV	174.9080, 3.0034, 16.7437
Hunter-Lab	64.3089, 9.2384, -0.5223

Details

The Yxy color $41.3564, 0.3259, 0.3072$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $49.6704, 0.3014, 0.3519$, and the grayscale version is $42.8023, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.2867, 0.3236, 0.3110$, and $18.7223, 0.3298, 0.3011$ is the 20% darker color. If you saturate the color by 10%, you get $34.6003, 0.3365, 0.2924$, and if you desaturate by 10%, it is $49.1966, 0.3170, 0.3215$.

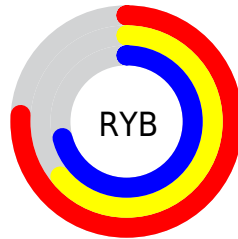
Distribution



Red (76%)

Green (64%)

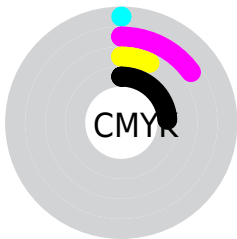
Blue (71%)



Red (76%)

Yellow (64%)

Blue (71%)

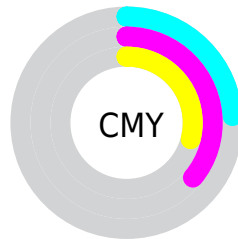


Cyan (0%)

Magenta (15%)

Yellow (7%)

Black (24%)



Cyan (24%)


Magenta (36%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3564, 0.3259, 0.3072 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 41.3564, 0.3259, 0.3072 by changing the saturation by 10% instead.

 41.3564, 0.3259,
0.3072


 41.3564, 0.3259,
0.3072


351.8080, 0.3193,
0.3181

 28.5977, 0.3276,
0.3045


 77.2246, 0.3235,
0.3112

 18.7767, 0.3297,
0.3009


 101.1029, 0.3226,
0.3127

 11.5090, 0.3326,
0.2962


129.4565, 0.3218,
0.3139

 6.4103, 0.3367,
0.2896

162.6698, 0.3212,
0.3150

 3.0961, 0.3428,
0.2797

201.1272, 0.3206,
0.3160

 1.1821, 0.3532,
0.2631

245.2131, 0.3201,

 0.0470, 0.4750,

0.3168

0.0582

295.3119, 0.3197,
0.3175

0.0000, 0.0000,
0.0000

41.3564, 0.3259,
0.3072

41.3564, 0.3259,
0.3072

34.6003, 0.3365,
0.2924

49.1966, 0.3170,
0.3215

28.8747, 0.3491,
0.2774

58.1606, 0.3095,
0.3350

24.1294, 0.3637,
0.2630

68.2929, 0.3033,
0.3476

20.3079, 0.3804,
0.2499

79.6338, 0.2982,
0.3592

17.3481, 0.3989,
0.2393

88.3274, 0.2938,
0.3637

■ 15.1797, 0.4188,
0.2323

■ 88.7927, 0.2894,
0.3543

■ 13.7216, 0.4393,
0.2301

■ 89.2810, 0.2850,
0.3451

■ 12.8738, 0.4594,
0.2331

■ 89.7924, 0.2807,
0.3360

■ 12.5996, 0.4685,
0.2355

■ 90.2155, 0.2773,
0.3289

Harmonies

Analogous

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



41.3564, 0.3042, 0.2963



41.3564, 0.3259, 0.3072



41.3564, 0.3445, 0.3235

Triad

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



41.3564, 0.3259, 0.3072



41.3564, 0.3399, 0.3661



41.3564, 0.2728, 0.3140

Complementary

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



41.3564, 0.3259, 0.3072



49.6704, 0.3014, 0.3519

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.



41.3564, 0.2817, 0.3335



41.3564, 0.3259, 0.3072



41.3564, 0.3201, 0.3645

Square

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



41.3564, 0.3259, 0.3072



41.3564, 0.3526, 0.3574



41.3564, 0.2988, 0.3524



41.3564, 0.2742, 0.2996

Rectangle

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



41.3564, 0.3259, 0.3072



41.3564, 0.3523, 0.3357



41.3564, 0.2988, 0.3524



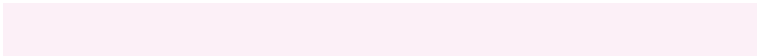
41.3564, 0.2747, 0.3202

Sweetspot

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



41.3582, 0.3259, 0.3072



89.7122, 0.3166, 0.3221



39.7916, 0.2992, 0.2894



19.4073, 0.3172, 0.3211



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.



41.3582, 0.3259, 0.3072



70.0026, 0.3297, 0.3016



40.7742, 0.3396, 0.3265



10.1713, 0.3202, 0.3160



8.2961, 0.4660, 0.2341



0.3721, 0.4252, 0.2116

Inverse Universe

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



41.3582, 0.3259, 0.3072



70.0026, 0.3297, 0.3016



50.3031, 0.2909, 0.3316



10.1713, 0.3202, 0.3160



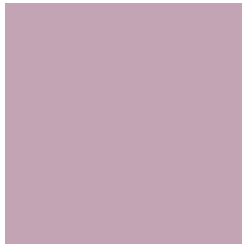
8.2961, 0.4660, 0.2341



0.3721, 0.4252, 0.2116

Previews

White Background



This preview shows how the Yxy color 41.3564, 0.3259, 0.3072 looks on a white background.

Color Contrast Check

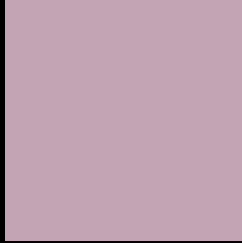
Large Text (above 18pt) WCAG AA × Fail

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 41.3564, 0.3259, 0.3072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

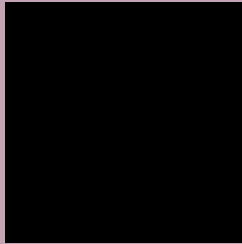
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3564, 0.3259, 0.3072

Background



This preview shows how black text looks on a background with the Yxy color 41.3564, 0.3259, 0.3072.



This preview shows how white text looks on a background with the Yxy color 41.3564, 0.3259, 0.3072.

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

41.3564, 0.3259, 0.3072

Protanopia

41.3993, 0.3021, 0.3101

Deuteranopia

41.2470, 0.3181, 0.3119



Tritanopia

41.5539, 0.3293, 0.3136

Trichromacy



Original Color

41.3564, 0.3259, 0.3072

Protanomaly

41.1693, 0.3101, 0.3078

Deuteranomaly

41.2591, 0.3210, 0.3108

Tritanomaly

41.5940, 0.3284, 0.3123

Monochromacy



Original Color

41.3564, 0.3259, 0.3072

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.2452, 0.3176, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3564, 0.3259, 0.3072 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(194, 164, 181)` looks like.

```
.text, #text, p{  
    color:rgb(194, 164, 181)  
}
```

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(194, 164, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 164, 181) }
```

Border

The CSS property to change the border of an element to Yxy 41.3564, 0.3259, 0.3072 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(194, 164, 181) }
```

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

```
.border{ border-color:rgb(194, 164, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 164, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 164, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 164, 181);  
box-shadow:4px 4px 4px 4px rgb(194, 164,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3564, 0.3259, 0.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 164, 181) }
```

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

```
.background{ background-color: rgb(194,  
164, 181) }
```

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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