

Converting Colors

Yxy(49.2338, 0.3581, 0.3632)

Have a look what the booklet for
Yxy(49.2338, 0.3581, 0.3632)
contains.

Yxy(49.2324, 0.3582, 0.3624)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(49.2324, 0.3582, 0.3624)

Conversions

Conversions Part 1

Format	Color
Hex	D0B69B
RGB	208, 182, 155
RGB Percent	82%, 71%, 61%
CMY	0.1842, 0.2863, 0.3921
CMYK	0.00, 0.13, 0.25, 0.18
HSL	31°, 36%, 71%
HSV	31°, 25%, 82%
XYZ	48.6618, 49.2324, 37.9568
YIQ	186.6960, 24.1630, -2.8850

Conversions

Conversions Part 2

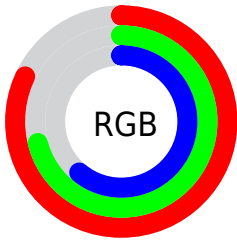
Format	Color
RYP	206, 208, 155
Decimal	13678235
CIE Lab	75.60, 5.18, 17.17
CIE LCh	76, 17.932, 73.193
Yxy	49.2324, 0.3582, 0.3624
Android (android.graphics.Color)	4291868315 (0xFFD0B69B)
YUV	186.6960, -15.6261, 18.6836
Hunter-Lab	70.1658, 1.0043, 17.0427

Details

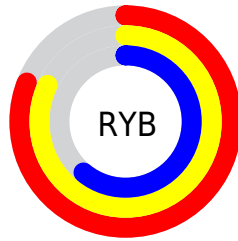
The Yxy color $49.2324, 0.3582, 0.3624$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $44.5902, 0.2724, 0.2931$, and the grayscale version is $49.5962, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.0622, 0.3422, 0.3570$, and $23.4723, 0.3707, 0.3705$ is the 20% darker color. If you saturate the color by 10%, you get $44.5628, 0.3802, 0.3761$, and if you desaturate by 10%, it is $54.3320, 0.3386, 0.3488$.

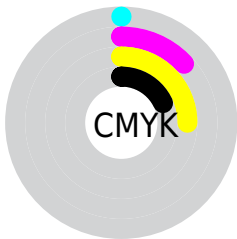
Distribution



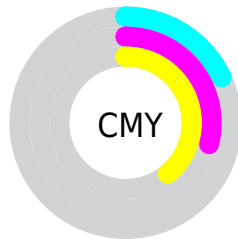
- Red (82%)
- Green (71%)
- Blue (61%)



- Red (81%)
- Yellow (82%)
- Blue (61%)



- Cyan (0%)
- Magenta (13%)
- Yellow (25%)
- Black (18%)





- Cyan (18%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.2324, 0.3582, 0.3624 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 49.2324, 0.3582, 0.3624 by changing the saturation by 10% instead.


 49.2324, 0.3582,
0.3624


 49.2324, 0.3582,
0.3624


383.6565, 0.3356,
0.3462

 34.8039, 0.3638,
0.3663


 89.0365, 0.3500,
0.3566

 23.5118, 0.3709,
0.3712


 115.1809, 0.3469,
0.3544

 14.9719, 0.3803,
0.3775


145.9994, 0.3443,
0.3525

 8.7997, 0.3931,
0.3860

181.8763, 0.3421,
0.3509

 4.6107, 0.4117,
0.3977

223.1961, 0.3401,
0.3495

 2.0207, 0.4431,
0.4167

270.3431, 0.3384,

 0.6195, 0.5359,

0.3482

0.4641

323.7018, 0.3369,
0.3471

0.0000, 0.0000,
0.0000

49.2324, 0.3582,
0.3624

49.2324, 0.3582,
0.3624

44.5628, 0.3802,
0.3761

54.3320, 0.3386,
0.3488

40.3039, 0.4045,
0.3894

59.8669, 0.3213,
0.3358

36.4445, 0.4307,
0.4014

65.8508, 0.3061,
0.3236

32.9703, 0.4578,
0.4110

72.2946, 0.2929,
0.3122

29.8657, 0.4846,
0.4168

78.9466, 0.2836,
0.3058

■ 27.1136, 0.5093,
0.4177

■ 84.8998, 0.2842,
0.3167

■ 24.6942, 0.5305,
0.4132

■ 91.1933, 0.2848,
0.3274

■ 23.6970, 0.5392,
0.4101

■ 92.1526, 0.2849,
0.3289

Harmonies

Analogous

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



49.2324, 0.3611, 0.3446



49.2324, 0.3582, 0.3624



49.2324, 0.3428, 0.3721

Triad

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



49.2324, 0.3582, 0.3624



49.2324, 0.2761, 0.3327



49.2324, 0.3043, 0.2920

Complementary

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



49.2324, 0.3582, 0.3624



44.5902, 0.2724, 0.2931

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.



49.2324, 0.2824, 0.2880



49.2324, 0.3582, 0.3624



49.2324, 0.2666, 0.3104

Square

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



49.2324, 0.3582, 0.3624



49.2324, 0.2953, 0.3550



49.2324, 0.2689, 0.2943



49.2324, 0.3293, 0.3049

Rectangle

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



49.2324, 0.3582, 0.3624



49.2324, 0.3278, 0.3720



49.2324, 0.2689, 0.2943



49.2324, 0.2963, 0.2896

Sweetspot

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



49.2346, 0.3582, 0.3624



92.5302, 0.3256, 0.3392



40.2196, 0.3400, 0.2964



19.5157, 0.3281, 0.3411



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.



49.2346, 0.3582, 0.3624



73.6007, 0.3709, 0.3705



60.9005, 0.3509, 0.3922



12.7888, 0.3278, 0.3409



14.9605, 0.5371, 0.4118



0.9952, 0.5098, 0.4334

Inverse Universe

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



44.5902, 0.2724, 0.2931



64.9241, 0.2627, 0.2834



34.9751, 0.2691, 0.2570



12.3624, 0.2982, 0.3169



8.9687, 0.1767, 0.1559



0.6601, 0.1860, 0.1897

Previews

White Background



This preview shows how the Yxy color 49.2324, 0.3582, 0.3624 looks on a white background.

Color Contrast Check

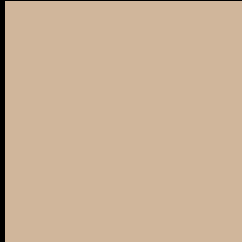
Large Text (above 18pt) WCAG AA × Fail

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 49.2324, 0.3582, 0.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

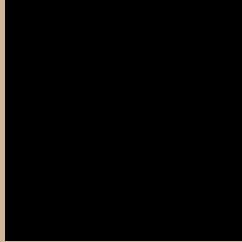
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.2324, 0.3582, 0.3624

Background



This preview shows how black text looks on a background with the Yxy color 49.2324, 0.3582, 0.3624.



This preview shows how white text looks on a background with the Yxy color 49.2324, 0.3582, 0.3624.

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

49.2324, 0.3582, 0.3624

Protanopia

49.2879, 0.3446, 0.3660

Deuteranopia

49.0876, 0.3646, 0.3570



Tritanopia

49.2029, 0.3319, 0.3124

Trichromacy



Original Color

49.2324, 0.3582, 0.3624

Protanomaly

49.3776, 0.3493, 0.3656

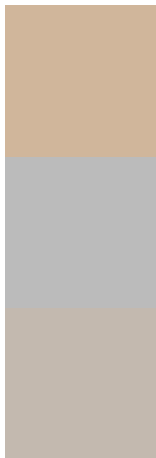
Deuteranomaly

49.0399, 0.3616, 0.3584

Tritanomaly

49.3034, 0.3418, 0.3303

Monochromacy



Original Color

49.2324, 0.3582, 0.3624

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.3952, 0.3292, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.2324, 0.3582, 0.3624 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(208, 182, 155)` looks like.

```
.text, #text, p{  
    color:rgb(208, 182, 155)  
}
```

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(208, 182, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 182, 155) }
```

Border

The CSS property to change the border of an element to Yxy 49.2324, 0.3582, 0.3624 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(208, 182, 155) }
```

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

```
.border{ border-color:rgb(208, 182, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 182, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 182, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 182, 155);  
box-shadow:4px 4px 4px 4px rgb(208, 182,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 49.2324, 0.3582, 0.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 182, 155) }
```

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

```
.background{ background-color: rgb(208,  
182, 155) }
```

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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