

Converting Colors

$Yxy(41.4462, 0.3521, 0.3434)$

Have a look what the booklet for
Yxy(41.4462, 0.3521, 0.3434)
contains.

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Color

Yxy(41.5093, 0.3523, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	C5A69B
RGB	197, 166, 155
RGB Percent	77%, 65%, 61%
CMY	0.2273, 0.3490, 0.3921
CMYK	0.00, 0.16, 0.21, 0.23
HSL	16°, 27%, 69%
HSV	16°, 21%, 77%
XYZ	42.5851, 41.5093, 36.7830
YIQ	174.0150, 22.0070, 3.1510

Conversions

Conversions Part 2

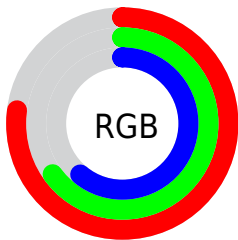
Format	Color
RYB	197, 170, 155
Decimal	12953243
CIELab	70.53, 9.62, 9.90
CIELCh	71, 13.803, 45.826
Yxy	41.5093, 0.3523, 0.3434
Android (android.graphics.Color)	4291143323 (0xFFC5A69B)
YUV	174.0150, -9.3744, 20.1578
Hunter-Lab	64.4277, 5.2355, 11.2496

Details

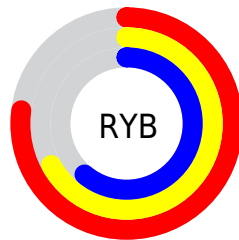
The Yxy color **41.5093, 0.3523, 0.3434** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.1413, 0.2803, 0.3141**, and the grayscale version is **42.3788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3872, 0.3450, 0.3413**, and **18.8737, 0.3647, 0.3469** is the 20% darker color. If you saturate the color by 10%, you get **35.9071, 0.3766, 0.3506**, and if you desaturate by 10%, it is **47.8222, 0.3319, 0.3364**.

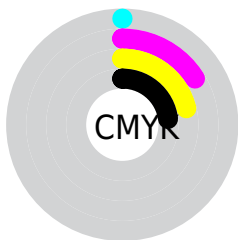
Distribution



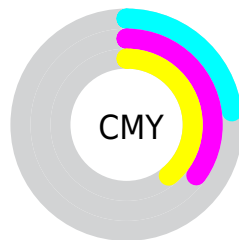
- Red (77%)
- Green (65%)
- Blue (61%)



- Red (77%)
- Yellow (67%)
- Blue (61%)



- Cyan (0%)
- Magenta (16%)
- Yellow (21%)
- Black (23%)




- Cyan (23%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5093, 0.3523, 0.3434 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 41.5093, 0.3523, 0.3434 by changing the saturation by 10% instead.

 41.5093, 0.3523,
0.3434

 41.5093, 0.3523,
0.3434

352.4447, 0.3320,
0.3364

 28.7173, 0.3575,
0.3451


 77.4564, 0.3448,
0.3409

 18.8670, 0.3644,
0.3472


 101.3803, 0.3420,
0.3399

 11.5742, 0.3736,
0.3500


129.7836, 0.3397,
0.3391

 6.4545, 0.3869,
0.3537

163.0506, 0.3377,
0.3384

 3.1234, 0.4074,
0.3588

201.5659, 0.3360,
0.3378

 1.1965, 0.4496,
0.3713

245.7137, 0.3345,

 0.0588, 0.8317,

0.3373

0.1683

295.8786, 0.3331,
0.3368

0.0000, 0.0000,
0.0000

41.5093, 0.3523,
0.3434

41.5093, 0.3523,
0.3434

35.9071, 0.3766,
0.3506

47.8222, 0.3319,
0.3364

30.9847, 0.4052,
0.3577

54.8638, 0.3148,
0.3298

26.7174, 0.4381,
0.3642

62.6588, 0.3005,
0.3238

23.0769, 0.4748,
0.3691

71.2289, 0.2885,
0.3182

20.0325, 0.5134,
0.3714

80.5947, 0.2784,
0.3131

■ 17.5508, 0.5510,
0.3700

■ 89.5459, 0.2788,
0.3271

■ 15.5947, 0.5836,
0.3644

■ 90.6144, 0.2789,
0.3289

■ 14.2849, 0.6059,
0.3571

Harmonies

Analogous

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



41.5093, 0.3445, 0.3264



41.5093, 0.3523, 0.3434



41.5093, 0.3490, 0.3574

Triad

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



41.5093, 0.3523, 0.3434



41.5093, 0.2970, 0.3486



41.5093, 0.2893, 0.2954

Complementary

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



41.5093, 0.3523, 0.3434



46.1413, 0.2803, 0.3141

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.



41.5093, 0.2774, 0.3000



41.5093, 0.3523, 0.3434



41.5093, 0.2817, 0.3305

Square

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



41.5093, 0.3523, 0.3434



41.5093, 0.3167, 0.3612



41.5093, 0.2747, 0.3126



41.5093, 0.3077, 0.2993

Rectangle

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



41.5093, 0.3523, 0.3434



41.5093, 0.3411, 0.3630



41.5093, 0.2747, 0.3126



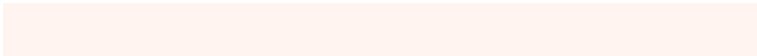
41.5093, 0.2844, 0.2959

Sweetspot

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



41.5112, 0.3523, 0.3434



92.0534, 0.3225, 0.3329



38.8889, 0.3247, 0.2891



19.5245, 0.3237, 0.3333



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.



41.5112, 0.3523, 0.3434



69.0761, 0.3641, 0.3471



49.5812, 0.3471, 0.3691



11.0801, 0.3283, 0.3351



9.5099, 0.6037, 0.3589



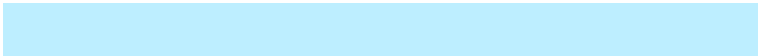
0.5722, 0.5613, 0.3925

Inverse Universe

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



46.1413, 0.2803, 0.3141



78.9601, 0.2728, 0.3101



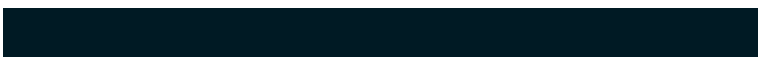
38.0996, 0.2783, 0.2854



11.5803, 0.2984, 0.3228



16.2177, 0.2008, 0.2428



0.8809, 0.2064, 0.2629

Previews

White Background



This preview shows how the Yxy color 41.5093, 0.3523, 0.3434 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 41.5093, 0.3523, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

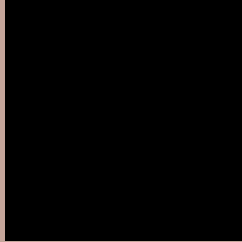
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5093, 0.3523, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 41.5093, 0.3523, 0.3434.



This preview shows how white text looks on a background with the Yxy color 41.5093, 0.3523, 0.3434.

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

41.5093, 0.3523, 0.3434

Protanopia

41.5574, 0.3311, 0.3482

Deuteranopia

41.3748, 0.3513, 0.3435



Tritanopia

41.6083, 0.3362, 0.3126

Trichromacy



Original Color

41.5093, 0.3523, 0.3434

Protanomaly

41.6229, 0.3389, 0.3465

Deuteranomaly

41.3748, 0.3513, 0.3435

Tritanomaly

41.5202, 0.3425, 0.3240

Monochromacy



Original Color

41.5093, 0.3523, 0.3434

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8609, 0.3262, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5093, 0.3523, 0.3434 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(197, 166, 155)` looks like.

```
.text, #text, p{  
    color:rgb(197, 166, 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(197, 166, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 166, 155) }
```

Border

The CSS property to change the border of an element to Yxy 41.5093, 0.3523, 0.3434 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(197, 166, 155) }
```

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

```
.border{ border-color:rgb(197, 166, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 166, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 166, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 166, 155);  
box-shadow:4px 4px 4px 4px rgb(197, 166,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5093, 0.3523, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 166, 155) }
```

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

```
.background{ background-color: rgb(197,  
166, 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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