

Converting Colors

$Y_{xy}(42.4749, 0.3516, 0.3317)$

Have a look what the booklet for
Yxy(42.4749, 0.3516, 0.3317)
contains.

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Color

Yxy(42.3920, 0.3518, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	CCA5A3
RGB	204, 165, 163
RGB Percent	80%, 65%, 64%
CMY	0.1999, 0.3530, 0.3607
CMYK	0.00, 0.19, 0.20, 0.20
HSL	3°, 29%, 72%
HSV	3°, 20%, 80%
XYZ	44.9744, 42.3920, 40.4744
YIQ	176.4330, 23.8860, 7.6460

Conversions

Conversions Part 2

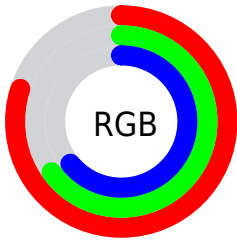
Format	Color
R _Y B	204, 165, 163
Decimal	13411747
CIE Lab	71.14, 14.02, 6.44
CIE LCh	71, 15.427, 24.667
Yxy	42.3920, 0.3518, 0.3316
Android (android.graphics.Color)	4291601827 (0xFFCCA5A3)
YUV	176.4330, -6.6225, 24.1763
Hunter-Lab	65.1091, 9.3586, 8.7194

Details

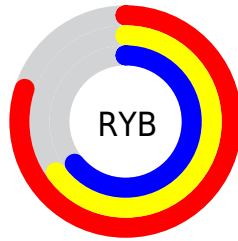
The Yxy color **42.3920, 0.3518, 0.3316** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.4179, 0.2828, 0.3264**, and the grayscale version is **43.6824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5084, 0.3396, 0.3311**, and **19.3475, 0.3639, 0.3326** is the 20% darker color. If you saturate the color by 10%, you get **35.2379, 0.3785, 0.3330**, and if you desaturate by 10%, it is **50.7320, 0.3302, 0.3303**.

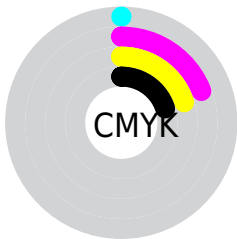
Distribution



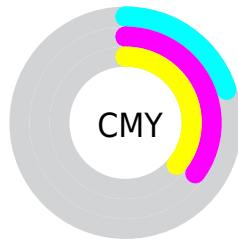
- Red (80%)
- Green (65%)
- Blue (64%)



- Red (80%)
- Yellow (65%)
- Blue (64%)



- Cyan (0%)
- Magenta (19%)
- Yellow (20%)
- Black (20%)




- Cyan (20%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3920, 0.3518, 0.3316 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 42.3920, 0.3518, 0.3316 by changing the saturation by 10% instead.

 42.3920, 0.3518,
0.3316


 42.3920, 0.3518,
0.3316


356.1054, 0.3318,
0.3306

 29.4084, 0.3569,
0.3318


 78.7926, 0.3444,
0.3313

 19.3900, 0.3636,
0.3320


 102.9783, 0.3417,
0.3311

 11.9524, 0.3727,
0.3321


131.6668, 0.3394,
0.3310

 6.7113, 0.3856,
0.3321

165.2425, 0.3374,
0.3309

 3.2822, 0.4055,
0.3317

204.0898, 0.3357,
0.3308

 1.2808, 0.4403,
0.3298

248.5932, 0.3343,

 0.1262, 0.7855,

0.3307

0.2145

299.1369, 0.3330,
0.3306

0.0000, 0.0000,
0.0000

42.3920, 0.3518,
0.3316

42.3920, 0.3518,
0.3316

35.2379, 0.3785,
0.3330

50.7320, 0.3302,
0.3303

29.2105, 0.4111,
0.3344

60.3023, 0.3129,
0.3290

24.2541, 0.4501,
0.3356

71.1519, 0.2989,
0.3279

20.3060, 0.4944,
0.3364

83.3256, 0.2875,
0.3269

17.2970, 0.5411,
0.3365

91.5807, 0.2827,
0.3289

■ 15.1492, 0.5846,
0.3357

■ 13.7721, 0.6178,
0.3340

■ 13.0532, 0.6370,
0.3324

Harmonies

Analogous

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



42.3920, 0.3358, 0.3133



42.3920, 0.3518, 0.3316



42.3920, 0.3569, 0.3500

Triad

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



42.3920, 0.3518, 0.3316



42.3920, 0.3104, 0.3618



42.3920, 0.2765, 0.2943

Complementary

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



42.3920, 0.3518, 0.3316



54.4179, 0.2828, 0.3264

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.



42.3920, 0.2704, 0.3058



42.3920, 0.3518, 0.3316



42.3920, 0.2895, 0.3452

Square

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



42.3920, 0.3518, 0.3316



42.3920, 0.3325, 0.3685



42.3920, 0.2751, 0.3244



42.3920, 0.2922, 0.2921

Rectangle

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



42.3920, 0.3518, 0.3316



42.3920, 0.3534, 0.3600



42.3920, 0.2751, 0.3244



42.3920, 0.2733, 0.2972

Sweetspot

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



42.3939, 0.3518, 0.3316



90.1095, 0.3228, 0.3297



43.3401, 0.3162, 0.2811



19.0666, 0.3240, 0.3298



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.



42.3939, 0.3518, 0.3316



64.9587, 0.3624, 0.3322



50.1387, 0.3470, 0.3562



11.2985, 0.3289, 0.3302



8.2526, 0.6361, 0.3331



0.4567, 0.6231, 0.3435

Inverse Universe

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



54.4179, 0.2828, 0.3264



88.3239, 0.2769, 0.3258



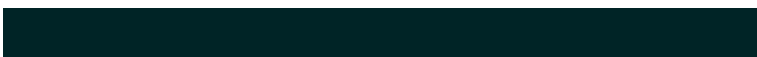
45.6710, 0.2811, 0.3002



12.6312, 0.2984, 0.3278



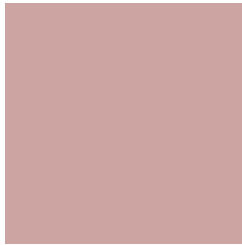
27.1290, 0.2206, 0.3141



1.4286, 0.2214, 0.3172

Previews

White Background



This preview shows how the Yxy color 42.3920, 0.3518, 0.3316 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 42.3920, 0.3518, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

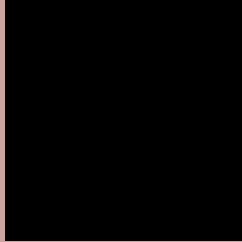
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3920, 0.3518, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 42.3920, 0.3518, 0.3316.



This preview shows how white text looks on a background with the Yxy color 42.3920, 0.3518, 0.3316.

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

42.3920, 0.3518, 0.3316

Protanopia

42.6830, 0.3222, 0.3371

Deuteranopia

42.3497, 0.3443, 0.3369



Tritanopia

42.4508, 0.3419, 0.3129

Trichromacy



Original Color

42.3920, 0.3518, 0.3316

Protanomaly

42.5704, 0.3326, 0.3357

Deuteranomaly

42.3882, 0.3474, 0.3355

Tritanomaly

42.4703, 0.3455, 0.3203

Monochromacy



Original Color

42.3920, 0.3518, 0.3316

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.8844, 0.3263, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3920, 0.3518, 0.3316 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, 165, 163)` looks like.

```
.text, #text, p{  
    color:rgb(204, 165, 163)  
}
```

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, 165, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 165, 163) }
```

Border

The CSS property to change the border of an element to Yxy 42.3920, 0.3518, 0.3316 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, 165, 163) }
```

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

```
.border{ border-color:rgb(204, 165, 163) }
```

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

Here you see how a box with a 4 pixel rgb(204, 165, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 165, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 165, 163);  
box-shadow:4px 4px 4px 4px rgb(204, 165,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3920, 0.3518, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 165, 163) }
```

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

```
.background{ background-color: rgb(204,  
165, 163) }
```

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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