

Converting Colors

$Yxy(42.5412, 0.3203, 0.3699)$

Have a look what the booklet for
Yxy(42.5412, 0.3203, 0.3699)
contains.

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Color

Yxy(42.5583, 0.3203, 0.3703)

Conversions

Conversions Part 1

Format	Color
Hex	A2B497
RGB	162, 180, 151
RGB Percent	64%, 71%, 59%
CMY	0.3646, 0.2941, 0.4078
CMYK	0.10, 0.00, 0.16, 0.29
HSL	97°, 16%, 65%
HSV	97°, 16%, 71%
XYZ	36.8118, 42.5583, 35.5591
YIQ	171.3120, -1.4190, -12.8350

Conversions

Conversions Part 2

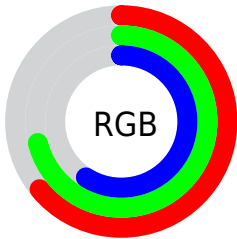
Format	Color
RYB	151, 180, 169
Decimal	10663063
CIELab	71.25, -11.63, 12.71
CIELCh	71, 17.229, 132.469
Yxy	42.5583, 0.3203, 0.3703
Android (android.graphics.Color)	4288853143 (0xFFA2B497)
YUV	171.3120, -10.0138, -8.1666
Hunter-Lab	65.2367, -13.4401, 13.3480

Details

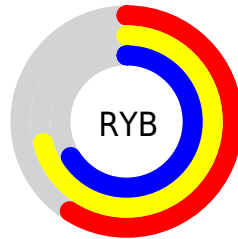
The Yxy color **42.5583, 0.3203, 0.3703** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.8679, 0.3039, 0.2886**, and the grayscale version is **40.9447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1504, 0.3192, 0.3628**, and **19.4138, 0.3220, 0.3831** is the 20% darker color. If you saturate the color by 10%, you get **40.9012, 0.3247, 0.3989**, and if you desaturate by 10%, it is **44.4122, 0.3156, 0.3439**.

Distribution



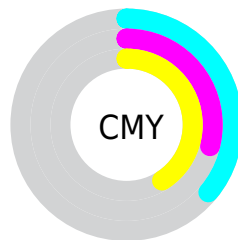
- Red (64%)
- Green (71%)
- Blue (59%)



- Red (59%)
- Yellow (71%)
- Blue (66%)



- Cyan (10%)
- Magenta (0%)
- Yellow (16%)
- Black (29%)





- Cyan (36%)
- Magenta (29%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5583, 0.3203, 0.3703 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 42.5583, 0.3203, 0.3703 by changing the saturation by 10% instead.


 42.5583, 0.3203,
0.3703

 42.5583, 0.3203,
0.3703


356.7921, 0.3167,
0.3489

 29.5387, 0.3211,
0.3759


 79.0439, 0.3190,
0.3623

 19.4887, 0.3222,
0.3833


 103.2787, 0.3185,
0.3594

 12.0239, 0.3234,
0.3933


132.0207, 0.3181,
0.3569

 6.7600, 0.3250,
0.4079

165.6542, 0.3178,
0.3548

 3.3125, 0.3269,
0.4309

204.5637, 0.3174,
0.3530

 1.2970, 0.3381,
0.4864

249.1336, 0.3172,

 0.1388, 0.0000,

0.3515

1.0000

299.7483, 0.3169,
0.3501

0.0000, 0.0000,
0.0000

42.5583, 0.3203,
0.3703

42.5583, 0.3203,
0.3703

40.9012, 0.3247,
0.3989

44.4122, 0.3156,
0.3439

39.4287, 0.3286,
0.4293

46.4637, 0.3109,
0.3200

38.1354, 0.3316,
0.4604

48.7207, 0.3062,
0.2985

37.0136, 0.3333,
0.4912

51.1891, 0.3017,
0.2793

36.0552, 0.3336,
0.5199

53.8743, 0.2974,
0.2624

■ 35.2510, 0.3320,
0.5449

■ 56.5204, 0.2961,
0.2510

■ 34.5908, 0.3287,
0.5646

■ 58.4164, 0.3047,
0.2529

■ 34.0621, 0.3239,
0.5781

■ 60.4326, 0.3133,
0.2549

■ 33.8833, 0.3220,
0.5825

■ 61.1214, 0.3162,
0.2556

Harmonies

Analogous

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



42.5583, 0.3435, 0.3724



42.5583, 0.3203, 0.3703



42.5583, 0.2957, 0.3557

Triad

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



42.5583, 0.3203, 0.3703



42.5583, 0.2683, 0.2943



42.5583, 0.3503, 0.3232

Complementary

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



42.5583, 0.3203, 0.3703



33.8679, 0.3039, 0.2886

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.



42.5583, 0.3288, 0.3043



42.5583, 0.3203, 0.3703



42.5583, 0.2817, 0.2877

Square

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



42.5583, 0.3203, 0.3703



42.5583, 0.2664, 0.3107



42.5583, 0.3036, 0.2915



42.5583, 0.3614, 0.3442

Rectangle

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



42.5583, 0.3203, 0.3703



42.5583, 0.2818, 0.3412



42.5583, 0.3036, 0.2915



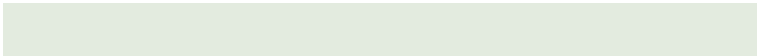
42.5583, 0.3440, 0.3165

Sweetspot

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



42.5601, 0.3203, 0.3703



80.8923, 0.3151, 0.3414



40.2722, 0.3388, 0.3537



17.4305, 0.3155, 0.3431



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



42.5601, 0.3203, 0.3703



76.1655, 0.3218, 0.3793



41.5687, 0.3081, 0.3664



9.6421, 0.3171, 0.3521



23.6852, 0.3229, 0.5819



0.7793, 0.3465, 0.5631

Inverse Universe

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



33.8679, 0.3039, 0.2886



57.6681, 0.3018, 0.2800



35.0007, 0.3177, 0.2943



8.4823, 0.3079, 0.3061



4.7271, 0.2289, 0.1035



0.1809, 0.2550, 0.1179

Previews

White Background



This preview shows how the Yxy color 42.5583, 0.3203, 0.3703 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 42.5583, 0.3203, 0.3703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

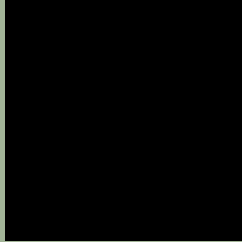
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

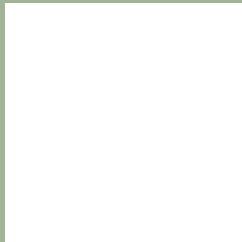
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.5583, 0.3203, 0.3703

Background



This preview shows how black text looks on a background with the Yxy color 42.5583, 0.3203, 0.3703.



This preview shows how white text looks on a background with the Yxy color 42.5583, 0.3203, 0.3703.

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

42.5583, 0.3203, 0.3703

Protanopia

42.4775, 0.3432, 0.3643

Deuteranopia

42.4805, 0.3546, 0.3472



Tritanopia

42.6589, 0.2956, 0.3101

Trichromacy



Original Color

42.5583, 0.3203, 0.3703

Protanomaly

42.3346, 0.3344, 0.3664

Deuteranomaly

42.2441, 0.3421, 0.3546

Tritanomaly

42.6464, 0.3048, 0.3317

Monochromacy



Original Color

42.5583, 0.3203, 0.3703

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.2773, 0.3156, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5583, 0.3203, 0.3703 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(162, 180, 151)` looks like.

```
.text, #text, p{  
    color:rgb(162, 180, 151)  
}
```

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(162, 180, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 180, 151) }
```

Border

The CSS property to change the border of an element to Yxy 42.5583, 0.3203, 0.3703 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(162, 180, 151) }
```

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

```
.border{ border-color:rgb(162, 180, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 180, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 180, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 180, 151);  
box-shadow:4px 4px 4px 4px rgb(162, 180,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5583, 0.3203, 0.3703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 180, 151) }
```

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

```
.background{ background-color: rgb(162,  
180, 151) }
```

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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