

Converting Colors

$Yxy(43.4321, 0.3825, 0.4404)$

Have a look what the booklet for
Yxy(43.4321, 0.3825, 0.4404)
contains.

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Color

Yxy(43.4321, 0.3825, 0.4404)

Conversions

Conversions Part 1

Format	Color
Hex	B6B460
RGB	182, 180, 96
RGB Percent	71%, 71%, 38%
CMY	0.2863, 0.2941, 0.6235
CMYK	0.00, 0.01, 0.47, 0.29
HSL	59°, 37%, 55%
HSV	59°, 47%, 71%
XYZ	37.7220, 43.4321, 17.4655
YIQ	171.0220, 28.1560, -25.7000

Conversions

Conversions Part 2

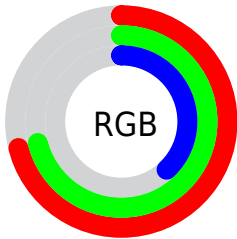
Format	Color
RYB	98, 182, 96
Decimal	11973728
CIELab	71.85, -11.21, 42.79
CIELCh	72, 44.236, 104.680
Yxy	43.4321, 0.3825, 0.4404
Android (android.graphics.Color)	4290163808 (0xFFB6B460)
YUV	171.0220, -36.9858, 9.6277
Hunter-Lab	65.9030, -13.1593, 30.4192

Details

The Yxy color **43.4321, 0.3825, 0.4404** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **14.5993, 0.2250, 0.1863**, and the grayscale version is **40.9159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4797, 0.3710, 0.4209**, and **19.8880, 0.3984, 0.4706** is the 20% darker color. If you saturate the color by 10%, you get **42.9680, 0.3951, 0.4601**, and if you desaturate by 10%, it is **43.9783, 0.3685, 0.4182**.

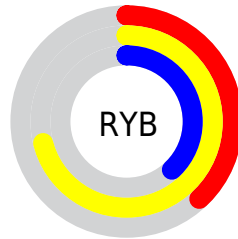
Distribution



Red (71%)

Green (71%)

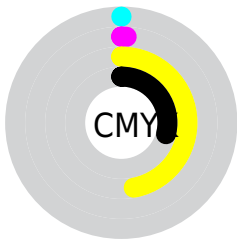
Blue (38%)



Red (38%)

Yellow (71%)

Blue (38%)

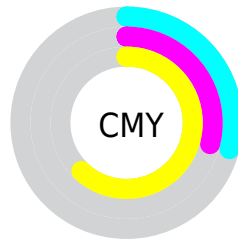


Cyan (0%)

Magenta (1%)

Yellow (47%)

Black (29%)



Cyan (29%)


Magenta (29%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4321, 0.3825, 0.4404 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 43.4321, 0.3825, 0.4404 by changing the saturation by 10% instead.


 43.4321, 0.3825,
0.4404


 43.4321, 0.3825,
0.4404


360.3858, 0.3494,
0.3842


 30.2243, 0.3897,
0.4540

 80.3625, 0.3711,
0.4201


 20.0089, 0.3982,
0.4710


 104.8539, 0.3666,
0.4125

 12.4015, 0.4077,
0.4925


 133.8753, 0.3628,
0.4059

 7.0177, 0.4177,
0.5196

 167.8110, 0.3594,
0.4003

 3.4732, 0.4343,
0.5657

207.0456, 0.3564,
0.3955

 1.3835, 0.4146,
0.5854

251.9633, 0.3538,

 0.2045, 0.0000,

0.3912

1.0000

302.9485, 0.3514,
0.3875

0.0000, 0.0000,
0.0000

43.4321, 0.3825,
0.4404

43.4321, 0.3825,
0.4404

42.9680, 0.3951,
0.4601

43.9783, 0.3685,
0.4182

42.5746, 0.4057,
0.4765

44.6055, 0.3536,
0.3945

42.2477, 0.4139,
0.4889


45.3203, 0.3383,
0.3702


41.9802, 0.4195,
0.4970

46.1267, 0.3233,
0.3460

41.7618, 0.4226,
0.5012


47.0288, 0.3088,
0.3226

 41.7048, 0.4234,
0.5020

 48.0301, 0.2950,
0.3004

 49.1343, 0.2822,
0.2797

 50.3445, 0.2704,
0.2605

 51.3506, 0.2624,
0.2476

Harmonies

Analogous

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



43.4321, 0.4259, 0.4090



43.4321, 0.3825, 0.4404



43.4321, 0.3228, 0.4393

Triad

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



43.4321, 0.3825, 0.4404



43.4321, 0.2013, 0.2748



43.4321, 0.3567, 0.2725

Complementary

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



43.4321, 0.3825, 0.4404



14.5993, 0.2250, 0.1863

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.



43.4321, 0.2922, 0.2426



43.4321, 0.3825, 0.4404



43.4321, 0.2081, 0.2405

Square

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



43.4321, 0.3825, 0.4404



43.4321, 0.2202, 0.3320



43.4321, 0.2393, 0.2307



43.4321, 0.4128, 0.3150

Rectangle

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



43.4321, 0.3825, 0.4404



43.4321, 0.2822, 0.4150



43.4321, 0.2393, 0.2307



43.4321, 0.3350, 0.2608

Sweetspot

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



43.4341, 0.3825, 0.4404



82.6013, 0.3338, 0.3629



19.2112, 0.4355, 0.3253



18.1770, 0.3371, 0.3681



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.4341, 0.3825, 0.4404



77.8587, 0.3959, 0.4614



40.0338, 0.3436, 0.4590



10.4670, 0.3264, 0.3511



29.4710, 0.4233, 0.5021



1.0502, 0.4222, 0.5030

Inverse Universe

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



14.5993, 0.2250, 0.1863



19.0665, 0.2028, 0.1496



16.9918, 0.2648, 0.1973



8.7517, 0.2984, 0.3059



2.4627, 0.1505, 0.0618



0.0981, 0.1525, 0.0689

Previews

White Background



This preview shows how the Yxy color 43.4321, 0.3825, 0.4404 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 43.4321, 0.3825, 0.4404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

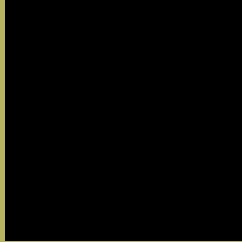
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4321, 0.3825, 0.4404

Background



This preview shows how black text looks on a background with the Yxy color 43.4321, 0.3825, 0.4404.



This preview shows how white text looks on a background with the Yxy color 43.4321, 0.3825, 0.4404.

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

43.4321, 0.3825, 0.4404

Protanopia

43.3462, 0.3973, 0.4323

Deuteranopia

43.3532, 0.4198, 0.4110



Tritanopia

43.2447, 0.3207, 0.3123

Trichromacy



Original Color

43.4321, 0.3825, 0.4404

Protanomaly

43.2177, 0.3928, 0.4350

Deuteranomaly

43.0834, 0.4063, 0.4209

Tritanomaly

43.1978, 0.3453, 0.3597

Monochromacy



Original Color

43.4321, 0.3825, 0.4404

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.3997, 0.3391, 0.3709

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4321, 0.3825, 0.4404 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(182, 180, 96)` looks like.

```
.text, #text, p{  
    color:rgb(182, 180, 96)  
}
```

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(182, 180, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 180, 96) }
```

Border

The CSS property to change the border of an element to Yxy 43.4321, 0.3825, 0.4404 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(182, 180, 96) }
```

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

```
.border{ border-color:rgb(182, 180, 96) }
```

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

Here you see how a box with a 4 pixel rgb(182, 180, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 180, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 180, 96);  
box-shadow:4px 4px 4px 4px rgb(182, 180,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4321, 0.3825, 0.4404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 180, 96) }
```

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

```
.background{ background-color: rgb(182,  
180, 96) }
```

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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