

Converting Colors

$Yxy(44.6169, 0.3668, 0.4045)$

Have a look what the booklet for
Yxy(44.6169, 0.3668, 0.4045)
contains.

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Color

Yxy(44.6374, 0.3663, 0.4049)

Conversions

Conversions Part 1

Format	Color
Hex	BBB47B
RGB	187, 180, 123
RGB Percent	73%, 71%, 48%
CMY	0.2668, 0.2940, 0.5177
CMYK	0.00, 0.04, 0.34, 0.27
HSL	53°, 32%, 61%
HSV	53°, 34%, 73%
XYZ	40.3820, 44.6374, 25.2236
YIQ	175.5950, 22.4690, -16.2430

Conversions

Conversions Part 2

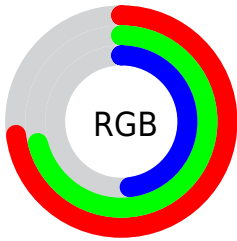
Format	Color
R_{YB}	131, 187, 123
Decimal	12301435
CIE Lab	72.65, -6.24, 30.02
CIE LCh	73, 30.658, 101.742
Yxy	44.6374, 0.3663, 0.4049
Android (android.graphics.Color)	4290491515 (0xFFBBB47B)
YUV	175.5950, -25.9293, 10.0022
Hunter-Lab	66.8112, -9.0307, 24.3838

Details

The Yxy color **44.6374, 0.3663, 0.4049** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **23.7442, 0.2533, 0.2396**, and the grayscale version is **43.3210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3586, 0.3569, 0.3912**, and **20.6463, 0.3813, 0.4263** is the 20% darker color. If you saturate the color by 10%, you get **43.4019, 0.3822, 0.4263**, and if you desaturate by 10%, it is **45.9784, 0.3501, 0.3826**.

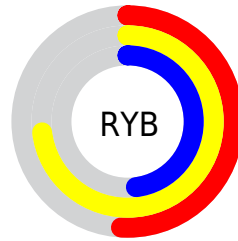
Distribution



Red (73%)

Green (71%)

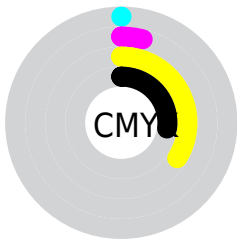
Blue (48%)



Red (51%)

Yellow (73%)

Blue (48%)

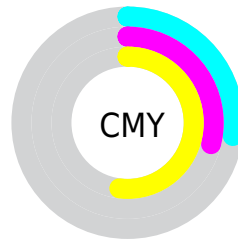


Cyan (0%)

Magenta (4%)

Yellow (34%)

Black (27%)



Cyan (27%)


Magenta (29%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6374, 0.3663, 0.4049 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 44.6374, 0.3663, 0.4049 by changing the saturation by 10% instead.


 44.6374, 0.3663,
0.4049


 44.6374, 0.3663,
0.4049

365.3030, 0.3400,
0.3666


 31.1719, 0.3725,
0.4144


 82.1760, 0.3569,
0.3910

 20.7298, 0.3803,
0.4266


 107.0180, 0.3534,
0.3857

 12.9266, 0.3901,
0.4424


 136.4208, 0.3503,
0.3813

 7.3780, 0.4026,
0.4637

170.7690, 0.3477,
0.3775

 3.6996, 0.4199,
0.4954

210.4469, 0.3454,
0.3742

 1.5070, 0.4486,
0.5514

255.8390, 0.3434,

 0.2936, 0.3016,

0.3713

0.6984

307.3296, 0.3416,
0.3688

0.0000, 0.0000,
0.0000

44.6374, 0.3663,
0.4049

44.6374, 0.3663,
0.4049

43.4019, 0.3822,
0.4263

45.9784, 0.3501,
0.3826

42.2606, 0.3972,
0.4457

47.4235, 0.3342,
0.3601

41.2098, 0.4107,
0.4623


48.9792, 0.3189,
0.3380

40.2433, 0.4221,
0.4751

50.6496, 0.3045,
0.3169

39.3537, 0.4310,
0.4837

52.4387, 0.2911,
0.2971


 38.5322, 0.4370,
0.4879

 54.3502, 0.2788,
0.2786

 38.0775, 0.4398,
0.4890

 56.3875, 0.2676,
0.2616

 57.3709, 0.2672,
0.2628

 58.2938, 0.2674,
0.2652

Harmonies

Analogous

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



44.6374, 0.3936, 0.3844



44.6374, 0.3663, 0.4049



44.6374, 0.3256, 0.4039

Triad

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



44.6374, 0.3663, 0.4049



44.6374, 0.2340, 0.2962



44.6374, 0.3393, 0.2864

Complementary

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



44.6374, 0.3663, 0.4049



23.7442, 0.2533, 0.2396

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.



44.6374, 0.2951, 0.2656



44.6374, 0.3663, 0.4049



44.6374, 0.2369, 0.2690

Square

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



44.6374, 0.3663, 0.4049



44.6374, 0.2503, 0.3366



44.6374, 0.2583, 0.2589



44.6374, 0.3782, 0.3171

Rectangle

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



44.6374, 0.3663, 0.4049



44.6374, 0.2968, 0.3891



44.6374, 0.2583, 0.2589



44.6374, 0.3244, 0.2781

Sweetspot

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



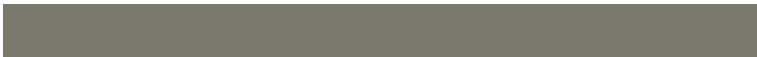
44.6394, 0.3663, 0.4049



86.0823, 0.3279, 0.3510



26.3478, 0.3825, 0.3187



18.8711, 0.3301, 0.3542



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



44.6394, 0.3663, 0.4049



78.3196, 0.3782, 0.4210



44.6805, 0.3412, 0.4197



10.9389, 0.3267, 0.3493



26.3130, 0.4395, 0.4892



1.0819, 0.4341, 0.4936

Inverse Universe

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



23.7442, 0.2533, 0.2396



35.2727, 0.2384, 0.2162



24.0010, 0.2754, 0.2346



9.3876, 0.2984, 0.3079



2.8778, 0.1524, 0.0687



0.1689, 0.1604, 0.0974

Previews

White Background



This preview shows how the Yxy color 44.6374, 0.3663, 0.4049 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 44.6374, 0.3663, 0.4049 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 44.6374, 0.3663, 0.4049

Background



This preview shows how black text looks on a background with the Yxy color 44.6374, 0.3663, 0.4049.



This preview shows how white text looks on a background with the Yxy color 44.6374, 0.3663, 0.4049.

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

44.6374, 0.3663, 0.4049

Protanopia

44.5834, 0.3737, 0.4022

Deuteranopia

44.6035, 0.3927, 0.3857



Tritanopia

44.5196, 0.3207, 0.3113

Trichromacy



Original Color

44.6374, 0.3663, 0.4049

Protanomaly

44.7217, 0.3714, 0.4039

Deuteranomaly

44.4238, 0.3835, 0.3925

Tritanomaly

44.3807, 0.3373, 0.3447

Monochromacy



Original Color

44.6374, 0.3663, 0.4049

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.5819, 0.3320, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6374, 0.3663, 0.4049 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(187, 180, 123)` looks like.

```
.text, #text, p{  
    color:rgb(187, 180, 123)  
}
```

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(187, 180, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 180, 123) }
```

Border

The CSS property to change the border of an element to Yxy 44.6374, 0.3663, 0.4049 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(187, 180, 123) }
```

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

```
.border{ border-color:rgb(187, 180, 123) }
```

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

Here you see how a box with a 4 pixel rgb(187, 180, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 180, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 180, 123);  
box-shadow:4px 4px 4px 4px rgb(187, 180,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6374, 0.3663, 0.4049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 180, 123) }
```

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

```
.background{ background-color: rgb(187,  
180, 123) }
```

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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