

Converting Colors

$Yxy(43.6050, 0.3716, 0.4042)$

Have a look what the booklet for
Yxy(43.6050, 0.3716, 0.4042)
contains.

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Color

Yxy(43.6192, 0.3720, 0.4047)

Conversions

Conversions Part 1

Format	Color
Hex	BDB178
RGB	189, 177, 120
RGB Percent	74%, 69%, 47%
CMY	0.2589, 0.3058, 0.5295
CMYK	0.00, 0.06, 0.37, 0.26
HSL	50°, 34%, 61%
HSV	50°, 37%, 74%
XYZ	40.0947, 43.6192, 24.0676
YIQ	174.0900, 25.4490, -15.1830

Conversions

Conversions Part 2

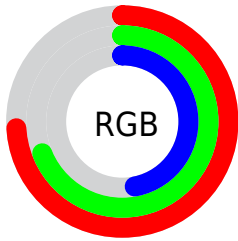
Format	Color
RYB	135, 189, 120
Decimal	12431736
CIELab	71.97, -4.20, 30.75
CIELCh	72, 31.038, 97.786
Yxy	43.6192, 0.3720, 0.4047
Android (android.graphics.Color)	4290621816 (0xFFBDB178)
YUV	174.0900, -26.6664, 13.0761
Hunter-Lab	66.0448, -7.2140, 24.6253

Details

The Yxy color $43.6192, 0.3720, 0.4047$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $24.1544, 0.2497, 0.2396$, and the grayscale version is $42.5052, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.8878, 0.3612, 0.3912$, and $20.2603, 0.3886, 0.4272$ is the 20% darker color. If you saturate the color by 10%, you get $41.9267, 0.3891, 0.4246$, and if you desaturate by 10%, it is $45.4374, 0.3549, 0.3838$.

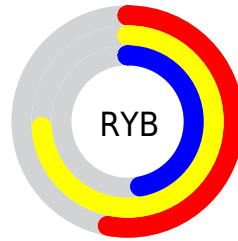
Distribution



Red (74%)

Green (69%)

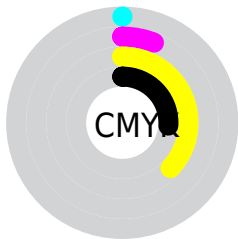
Blue (47%)



Red (53%)

Yellow (74%)

Blue (47%)

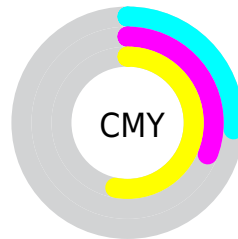


Cyan (0%)

Magenta (6%)

Yellow (37%)

Black (26%)



Cyan (26%)


Magenta (31%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6192, 0.3720, 0.4047 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 43.6192, 0.3720, 0.4047 by changing the saturation by 10% instead.


 43.6192, 0.3720,
0.4047


 43.6192, 0.3720,
0.4047


361.1521, 0.3427,
0.3666


 30.3712, 0.3790,
0.4141


 80.6444, 0.3615,
0.3909

 20.1205, 0.3878,
0.4261


 105.1905, 0.3575,
0.3857

 12.4827, 0.3989,
0.4416


 134.2714, 0.3541,
0.3812

 7.0733, 0.4130,
0.4622

168.2715, 0.3512,
0.3775

 3.5080, 0.4349,
0.4947

207.5752, 0.3487,
0.3742

 1.4023, 0.4608,
0.5392

252.5670, 0.3464,

 0.2184, 0.3246,

0.3713

0.6754

303.6311, 0.3445,
0.3688

0.0000, 0.0000,
0.0000

43.6192, 0.3720,
0.4047

43.6192, 0.3720,
0.4047

41.9267, 0.3891,
0.4246

45.4374, 0.3549,
0.3838

40.3484, 0.4055,
0.4425

47.3803, 0.3383,
0.3627

38.8800, 0.4205,
0.4575


49.4549, 0.3225,
0.3420


37.5147, 0.4335,
0.4686


51.6656, 0.3077,
0.3222


36.2445, 0.4438,
0.4754


54.0165, 0.2941,
0.3035


 35.0590, 0.4514,
0.4776

 56.5118, 0.2817,
0.2861

 34.6586, 0.4537,
0.4779

 59.1551, 0.2705,
0.2701

 60.8649, 0.2693,
0.2711

 62.4328, 0.2696,
0.2749

Harmonies

Analogous

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



43.6192, 0.3973, 0.3815



43.6192, 0.3720, 0.4047



43.6192, 0.3317, 0.4072

Triad

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



43.6192, 0.3720, 0.4047



43.6192, 0.2336, 0.3003



43.6192, 0.3338, 0.2821

Complementary

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



43.6192, 0.3720, 0.4047



24.1544, 0.2497, 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.



43.6192, 0.2891, 0.2626



43.6192, 0.3720, 0.4047



43.6192, 0.2339, 0.2705

Square

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



43.6192, 0.3720, 0.4047



43.6192, 0.2526, 0.3425



43.6192, 0.2534, 0.2579



43.6192, 0.3751, 0.3123

Rectangle

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



43.6192, 0.3720, 0.4047



43.6192, 0.3022, 0.3943



43.6192, 0.2534, 0.2579



43.6192, 0.3186, 0.2742

Sweetspot

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



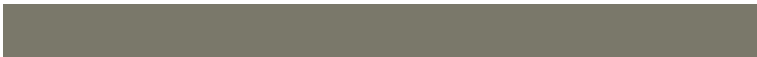
43.6212, 0.3720, 0.4047



86.8270, 0.3297, 0.3516



25.9277, 0.3834, 0.3116



18.5639, 0.3318, 0.3544



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.



43.6212, 0.3720, 0.4047



75.6376, 0.3860, 0.4211



45.9745, 0.3471, 0.4250



10.8311, 0.3268, 0.3478



23.4224, 0.4532, 0.4783



0.9929, 0.4438, 0.4858

Inverse Universe

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



24.1544, 0.2497, 0.2396



35.6088, 0.2337, 0.2154



22.8367, 0.2676, 0.2262



9.4859, 0.2984, 0.3095



3.2760, 0.1547, 0.0770



0.2121, 0.1660, 0.1175

Previews

White Background



This preview shows how the Yxy color 43.6192, 0.3720, 0.4047 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 43.6192, 0.3720, 0.4047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

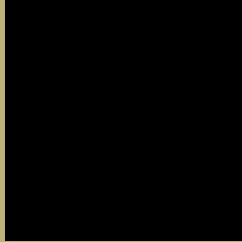
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6192, 0.3720, 0.4047

Background



This preview shows how black text looks on a background with the Yxy color 43.6192, 0.3720, 0.4047.



This preview shows how white text looks on a background with the Yxy color 43.6192, 0.3720, 0.4047.

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

43.6192, 0.3720, 0.4047

Protanopia

43.4831, 0.3744, 0.4029

Deuteranopia

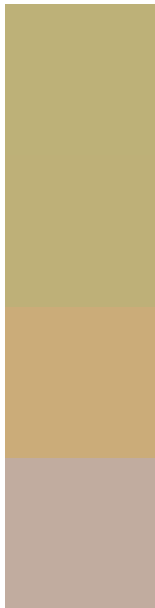
43.6300, 0.3955, 0.3872



Tritanopia

43.4891, 0.3263, 0.3125

Trichromacy



Original Color

43.6192, 0.3720, 0.4047

Protanomaly

43.3539, 0.3734, 0.4032

Deuteranomaly

43.5820, 0.3871, 0.3938

Tritanomaly

43.3457, 0.3433, 0.3461

Monochromacy



Original Color

43.6192, 0.3720, 0.4047

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.5767, 0.3340, 0.3577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6192, 0.3720, 0.4047 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(189, 177, 120)` looks like.

```
.text, #text, p{  
    color:rgb(189, 177, 120)  
}
```

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(189, 177, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 177, 120) }
```

Border

The CSS property to change the border of an element to Yxy 43.6192, 0.3720, 0.4047 is called "border". The border property can be set on classes, ids or directly on the HTML element.

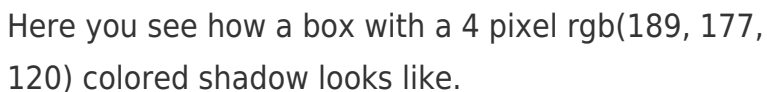
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 177, 120) }
```

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

```
.border{ border-color:rgb(189, 177, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 177, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 177, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 177, 120);  
box-shadow:4px 4px 4px 4px rgb(189, 177,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6192, 0.3720, 0.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 177, 120) }
```

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

```
.background{ background-color: rgb(189,  
177, 120) }
```

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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