

Converting Colors

$Y_{xy}(45.3074, 0.3650, 0.3984)$

Have a look what the booklet for
Yxy(45.3074, 0.3650, 0.3984)
contains.

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Color

Yxy(45.1482, 0.3651, 0.3976)

Conversions

Conversions Part 1

Format	Color
Hex	BEB480
RGB	190, 180, 128
RGB Percent	75%, 71%, 50%
CMY	0.2548, 0.2941, 0.4981
CMYK	0.00, 0.05, 0.33, 0.25
HSL	50°, 32%, 62%
HSV	50°, 33%, 75%
XYZ	41.4578, 45.1482, 26.9458
YIQ	177.0620, 22.6520, -14.0520

Conversions

Conversions Part 2

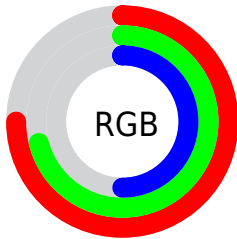
Format	Color
RYB	140, 190, 128
Decimal	12498048
CIELab	72.99, -4.38, 27.86
CIELCh	73, 28.206, 98.939
Yxy	45.1482, 0.3651, 0.3976
Android (android.graphics.Color)	4290688128 (0xFFBEB480)
YUV	177.0620, -24.1876, 11.3466
Hunter-Lab	67.1924, -7.4521, 23.2579

Details

The Yxy color $45.1482, 0.3651, 0.3976$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $26.4902, 0.2570, 0.2495$, and the grayscale version is $44.1236, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.1013, 0.3559, 0.3856$, and $20.9630, 0.3799, 0.4165$ is the 20% darker color. If you saturate the color by 10%, you get $43.4686, 0.3820, 0.4182$, and if you desaturate by 10%, it is $46.9532, 0.3483, 0.3763$.

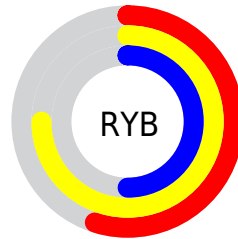
Distribution



Red (75%)

Green (71%)

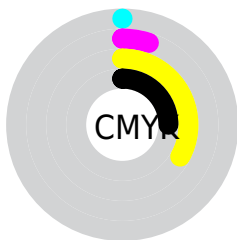
Blue (50%)



Red (55%)

Yellow (75%)

Blue (50%)

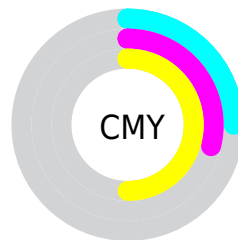


Cyan (0%)

Magenta (5%)

Yellow (33%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1482, 0.3651, 0.3976 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 45.1482, 0.3651, 0.3976 by changing the saturation by 10% instead.


 45.1482, 0.3651,
0.3976


 45.1482, 0.3651,
0.3976


367.3734, 0.3393,
0.3631

 31.5742, 0.3713,
0.4061


 82.9428, 0.3559,
0.3851

 21.0365, 0.3791,
0.4170


 107.9321, 0.3523,
0.3804

 13.1507, 0.3891,
0.4312


 137.4953, 0.3493,
0.3764

 7.5324, 0.4020,
0.4504

172.0168, 0.3468,
0.3730

 3.7972, 0.4191,
0.4774

211.8809, 0.3445,
0.3700

 1.5608, 0.4606,
0.5394

257.4722, 0.3426,

 0.3309, 0.3854,

0.3674

0.6146

309.1749, 0.3408,
0.3651

0.0000, 0.0000,
0.0000

45.1482, 0.3651,
0.3976

45.1482, 0.3651,
0.3976

43.4686, 0.3820,
0.4182

46.9532, 0.3483,
0.3763

41.9027, 0.3985,
0.4372

48.8824, 0.3320,
0.3550

40.4467, 0.4138,
0.4536

50.9425, 0.3166,
0.3343

39.0940, 0.4273,
0.4665

53.1379, 0.3023,
0.3146

37.8369, 0.4383,
0.4751

55.4728, 0.2892,
0.2962

■ 36.6665, 0.4465,
0.4792

■ 57.9511, 0.2772,
0.2790

■ 35.8490, 0.4511,
0.4800

■ 60.1836, 0.2698,
0.2692

■ 61.6359, 0.2701,
0.2728

■ 63.1171, 0.2704,
0.2763

Harmonies

Analogous

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



45.1482, 0.3883, 0.3778



45.1482, 0.3651, 0.3976



45.1482, 0.3286, 0.3984

Triad

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



45.1482, 0.3651, 0.3976



45.1482, 0.2408, 0.3023



45.1482, 0.3334, 0.2874

Complementary

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



45.1482, 0.3651, 0.3976



26.4902, 0.2570, 0.2495

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.



45.1482, 0.2930, 0.2692



45.1482, 0.3651, 0.3976



45.1482, 0.2418, 0.2756

Square

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



45.1482, 0.3651, 0.3976



45.1482, 0.2576, 0.3398



45.1482, 0.2602, 0.2646



45.1482, 0.3699, 0.3153

Rectangle

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



45.1482, 0.3651, 0.3976



45.1482, 0.3020, 0.3862



45.1482, 0.2602, 0.2646



45.1482, 0.3197, 0.2801

Sweetspot

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



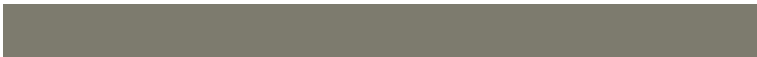
45.1503, 0.3651, 0.3976



89.4552, 0.3281, 0.3498



28.2302, 0.3745, 0.3149



19.5293, 0.3303, 0.3528



97.7402, 0.3127, 0.3290



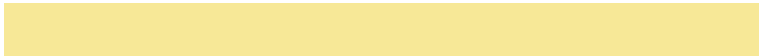
20.4902, 0.3127, 0.3290

Same Dimension

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



45.1503, 0.3651, 0.3976



79.6392, 0.3769, 0.4121



46.8726, 0.3428, 0.4146



10.8506, 0.3268, 0.3481



23.9253, 0.4506, 0.4804



1.0085, 0.4420, 0.4873

Inverse Universe

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



26.4902, 0.2570, 0.2495



40.7549, 0.2434, 0.2291



25.5120, 0.2744, 0.2385



9.4680, 0.2984, 0.3092



3.1920, 0.1543, 0.0753



0.2043, 0.1650, 0.1139

Previews

White Background



This preview shows how the Yxy color 45.1482, 0.3651, 0.3976 looks on a white background.

Color Contrast Check

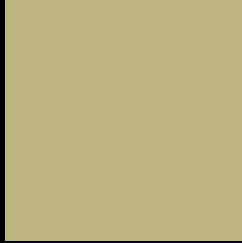
Large Text (above 18pt) WCAG AA × Fail

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 45.1482, 0.3651, 0.3976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

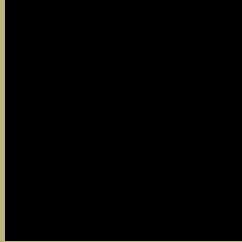
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.1482, 0.3651, 0.3976

Background



This preview shows how black text looks on a background with the Yxy color 45.1482, 0.3651, 0.3976.



This preview shows how white text looks on a background with the Yxy color 45.1482, 0.3651, 0.3976.

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

45.1482, 0.3651, 0.3976

Protanopia

45.1362, 0.3683, 0.3957

Deuteranopia

45.1138, 0.3878, 0.3809



Tritanopia

45.3026, 0.3233, 0.3127

Trichromacy



Original Color

45.1482, 0.3651, 0.3976

Protanomaly

45.0052, 0.3673, 0.3959

Deuteranomaly

45.0823, 0.3796, 0.3872

Tritanomaly

45.2366, 0.3382, 0.3433

Monochromacy



Original Color

45.1482, 0.3651, 0.3976

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.2891, 0.3320, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1482, 0.3651, 0.3976 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(190, 180, 128)` looks like.

```
.text, #text, p{  
    color:rgb(190, 180, 128)  
}
```

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(190, 180, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 180, 128) }
```

Border

The CSS property to change the border of an element to Yxy 45.1482, 0.3651, 0.3976 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(190, 180, 128) }
```

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

```
.border{ border-color:rgb(190, 180, 128) }
```

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

Here you see how a box with a 4 pixel rgb(190, 180, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 180, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 180, 128);  
box-shadow:4px 4px 4px 4px rgb(190, 180,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1482, 0.3651, 0.3976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 180, 128) }
```

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

```
.background{ background-color: rgb(190,  
180, 128) }
```

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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