

Converting Colors

$Y_{xy}(40.2212, 0.3550, 0.3726)$

Have a look what the booklet for
Yxy(40.2212, 0.3550, 0.3726)
contains.

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Color

Yxy(40.3724, 0.3553, 0.3729)

Conversions

Conversions Part 1

Format	Color
Hex	B8A989
RGB	184, 169, 137
RGB Percent	72%, 66%, 54%
CMY	0.2785, 0.3372, 0.4628
CMYK	0.00, 0.08, 0.26, 0.28
HSL	41°, 25%, 63%
HSV	41°, 26%, 72%
XYZ	38.4669, 40.3724, 29.4267
YIQ	169.8370, 19.2120, -6.7720

Conversions

Conversions Part 2

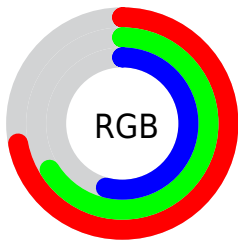
Format	Color
R_{YB}	159, 184, 137
Decimal	12102025
CIE _{Lab}	69.73, 0.30, 18.51
CIE _{LCh}	70, 18.512, 89.065
Yxy	40.3724, 0.3553, 0.3729
Android (android.graphics.Color)	4290292105 (0xFFB8A989)
YUV	169.8370, -16.1886, 12.4210
Hunter-Lab	63.5393, -3.1292, 17.0187

Details

The Yxy color $40.3724, 0.3553, 0.3729$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $31.2212, 0.2715, 0.2808$, and the grayscale version is $40.1875, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.5543, 0.3474, 0.3651$, and $18.1565, 0.3674, 0.3859$ is the 20% darker color. If you saturate the color by 10%, you get $37.7578, 0.3745, 0.3906$, and if you desaturate by 10%, it is $43.1785, 0.3375, 0.3552$.

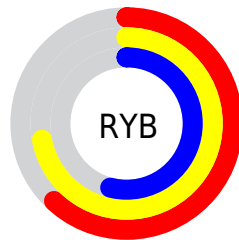
Distribution



Red (72%)

Green (66%)

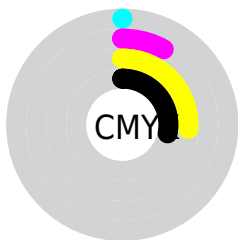
Blue (54%)



Red (62%)

Yellow (72%)

Blue (54%)

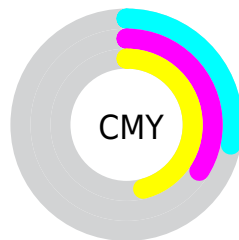


Cyan (0%)

Magenta (8%)

Yellow (26%)

Black (28%)



Cyan (28%)


Magenta (34%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3724, 0.3553, 0.3729 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 40.3724, 0.3553, 0.3729 by changing the saturation by 10% instead.


 40.3724, 0.3553,
0.3729


 40.3724, 0.3553,
0.3729


347.6907, 0.3336,
0.3505

 27.8290, 0.3608,
0.3786


 75.7303, 0.3473,
0.3647

 18.1968, 0.3680,
0.3859


 99.3135, 0.3443,
0.3616

 11.0914, 0.3775,
0.3957


 127.3455, 0.3418,
0.3591

 6.1283, 0.3909,
0.4094

160.2107, 0.3397,
0.3568

 2.9233, 0.4105,
0.4294

198.2934, 0.3379,
0.3549

 1.0918, 0.4893,
0.5107

241.9780, 0.3362,

 0.0000, 0.0000,

0.3533

0.0000

291.6490, 0.3348,
0.3518

■ 40.3724, 0.3553,
0.3729

■ 40.3724, 0.3553,
0.3729

■ 37.7578, 0.3745,
0.3906

■ 43.1785, 0.3375,
0.3552

■ 35.3234, 0.3946,
0.4078

■ 46.1761, 0.3211,
0.3381

■ 33.0647, 0.4151,
0.4234

■ 49.3722, 0.3063,
0.3219

■ 30.9750, 0.4352,
0.4365

■ 52.7717, 0.2930,
0.3067

■ 29.0468, 0.4539,
0.4459

■ 56.3795, 0.2811,
0.2926

■ 27.2715, 0.4703,
0.4507

■ 60.1999, 0.2705,
0.2796

■ 25.6388, 0.4838,
0.4506

■ 63.5238, 0.2669,
0.2785

■ 24.9483, 0.4893,
0.4497

■ 66.4725, 0.2676,
0.2853

■ 69.5283, 0.2683,
0.2921

Harmonies

Analogous

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



40.3724, 0.3663, 0.3571



40.3724, 0.3553, 0.3729



40.3724, 0.3329, 0.3771

Triad

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



40.3724, 0.3553, 0.3729



40.3724, 0.2654, 0.3194



40.3724, 0.3180, 0.2949

Complementary

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



40.3724, 0.3553, 0.3729



31.2212, 0.2715, 0.2808

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.



40.3724, 0.2912, 0.2850



40.3724, 0.3553, 0.3729



40.3724, 0.2618, 0.2978

Square

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



40.3724, 0.3553, 0.3729



40.3724, 0.2812, 0.3452



40.3724, 0.2709, 0.2858



40.3724, 0.3443, 0.3129

Rectangle

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



40.3724, 0.3553, 0.3729



40.3724, 0.3149, 0.3719



40.3724, 0.2709, 0.2858



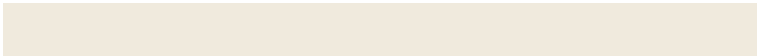
40.3724, 0.3087, 0.2905

Sweetspot

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



40.3742, 0.3553, 0.3729



82.2805, 0.3252, 0.3425



30.3646, 0.3484, 0.3073



17.5602, 0.3276, 0.3450



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.



40.3742, 0.3553, 0.3729



70.3282, 0.3666, 0.3835



45.3283, 0.3435, 0.3933



10.0077, 0.3271, 0.3445



17.3291, 0.4882, 0.4506



0.7172, 0.4665, 0.4678

Inverse Universe

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



31.2212, 0.2715, 0.2808



50.7395, 0.2610, 0.2676



27.3511, 0.2767, 0.2588



9.1741, 0.2985, 0.3130



4.6289, 0.1629, 0.1064



0.2781, 0.1781, 0.1613

Previews

White Background



This preview shows how the Yxy color 40.3724, 0.3553, 0.3729 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 40.3724, 0.3553, 0.3729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

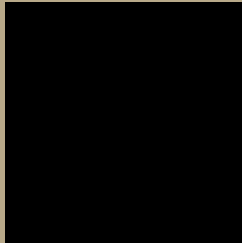
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.3724, 0.3553, 0.3729

Background



This preview shows how black text looks on a background with the Yxy color 40.3724, 0.3553, 0.3729.



This preview shows how white text looks on a background with the Yxy color 40.3724, 0.3553, 0.3729.

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

40.3724, 0.3553, 0.3729

Protanopia

40.3794, 0.3520, 0.3746

Deuteranopia

40.3917, 0.3700, 0.3632



Tritanopia

40.5043, 0.3256, 0.3133

Trichromacy



Original Color

40.3724, 0.3553, 0.3729

Protanomaly

40.5007, 0.3530, 0.3745

Deuteranomaly

40.4449, 0.3643, 0.3664

Tritanomaly

40.4459, 0.3361, 0.3344

Monochromacy



Original Color

40.3724, 0.3553, 0.3729

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.3320, 0.3276, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3724, 0.3553, 0.3729 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(184, 169, 137)` looks like.

```
.text, #text, p{  
    color:rgb(184, 169, 137)  
}
```

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(184, 169, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 169, 137) }
```

Border

The CSS property to change the border of an element to Yxy 40.3724, 0.3553, 0.3729 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(184, 169, 137) }
```

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

```
.border{ border-color:rgb(184, 169, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 169, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 169, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 169, 137);  
box-shadow:4px 4px 4px 4px rgb(184, 169,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3724, 0.3553, 0.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 169, 137) }
```

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

```
.background{ background-color: rgb(184,  
169, 137) }
```

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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