

Converting Colors

Yxy(39.0620, 0.3465, 0.3564)

Have a look what the booklet for
Yxy(39.0620, 0.3465, 0.3564)
contains.

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Color

Yxy(38.9307, 0.3462, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	B6A592
RGB	182, 165, 146
RGB Percent	71%, 65%, 57%
CMY	0.2863, 0.3529, 0.4275
CMYK	0.00, 0.09, 0.20, 0.29
HSL	32°, 20%, 64%
HSV	32°, 20%, 71%
XYZ	37.9336, 38.9307, 32.7070
YIQ	167.9170, 16.2310, -2.3050

Conversions

Conversions Part 2

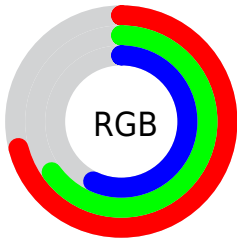
Format	Color
R_{YB}	178, 182, 146
Decimal	11969938
CIE _{Lab}	68.70, 3.04, 12.09
CIE _{LCh}	69, 12.468, 75.901
Yxy	38.9307, 0.3462, 0.3553
Android (android.graphics.Color)	4290160018 (0xFFB6A592)
YUV	167.9170, -10.8051, 12.3508
Hunter-Lab	62.3945, -0.6687, 12.5964

Details

The Yxy color $38.9307, 0.3462, 0.3553$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $35.6767, 0.2819, 0.3012$, and the grayscale version is $39.1635, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.5337, 0.3396, 0.3503$, and $17.3036, 0.3577, 0.3635$ is the 20% darker color. If you saturate the color by 10%, you get $35.4152, 0.3664, 0.3694$, and if you desaturate by 10%, it is $42.7479, 0.3282, 0.3417$.

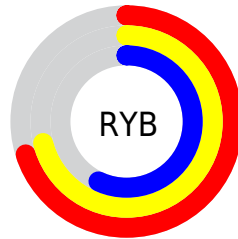
Distribution



Red (71%)

Green (65%)

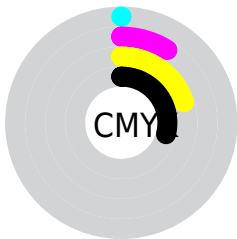
Blue (57%)



Red (70%)

Yellow (71%)

Blue (57%)

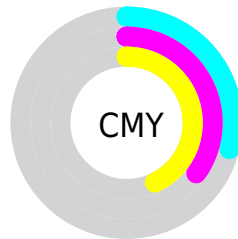


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9307, 0.3462, 0.3553 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 38.9307, 0.3462, 0.3553 by changing the saturation by 10% instead.


 38.9307, 0.3462,
0.3553


 38.9307, 0.3462,
0.3553


341.5958, 0.3289,
0.3419

 26.7058, 0.3507,
0.3587


 73.5324, 0.3398,
0.3504

 17.3524, 0.3566,
0.3632


 96.6781, 0.3374,
0.3485

 10.4861, 0.3646,
0.3691


124.2328, 0.3354,
0.3470

 5.7224, 0.3761,
0.3775

156.5809, 0.3337,
0.3457

 2.6770, 0.3940,
0.3902

194.1069, 0.3323,
0.3445

 0.9655, 0.4607,
0.4455

237.1951, 0.3310,

 0.0000, 0.0000,

0.3435

0.0000

286.2299, 0.3299,
0.3427

■ 38.9307, 0.3462,
0.3553

■ 38.9307, 0.3462,
0.3553

■ 35.4152, 0.3664,
0.3694

■ 42.7479, 0.3282,
0.3417

■ 32.1880, 0.3888,
0.3834

■ 46.8695, 0.3124,
0.3287

■ 29.2419, 0.4132,
0.3966

■ 51.3049, 0.2985,
0.3166

■ 26.5677, 0.4389,
0.4081

■ 56.0613, 0.2863,
0.3054

■ 24.1552, 0.4649,
0.4168

■ 61.1457, 0.2757,
0.2951

■ 21.9935, 0.4900,
0.4213

■ 66.5523, 0.2665,
0.2859

■ 20.0704, 0.5125,
0.4208

■ 71.0833, 0.2676,
0.2958

■ 18.3657, 0.5319,
0.4156

■ 75.8480, 0.2686,
0.3055

■ 18.3303, 0.5323,
0.4155

■ 80.8496, 0.2696,
0.3151

Harmonies

Analogous

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



38.9307, 0.3492, 0.3424



38.9307, 0.3462, 0.3553



38.9307, 0.3341, 0.3615

Triad

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



38.9307, 0.3462, 0.3553



38.9307, 0.2841, 0.3304



38.9307, 0.3082, 0.3015

Complementary

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



38.9307, 0.3462, 0.3553



35.6767, 0.2819, 0.3012

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.



38.9307, 0.2911, 0.2979



38.9307, 0.3462, 0.3553



38.9307, 0.2776, 0.3139

Square

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



38.9307, 0.3462, 0.3553



38.9307, 0.2982, 0.3471



38.9307, 0.2801, 0.3022



38.9307, 0.3269, 0.3119

Rectangle

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



38.9307, 0.3462, 0.3553



38.9307, 0.3226, 0.3607



38.9307, 0.2801, 0.3022



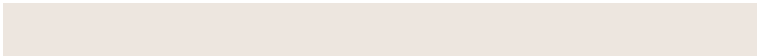
38.9307, 0.3021, 0.2995

Sweetspot

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



38.9324, 0.3462, 0.3553



80.1900, 0.3222, 0.3368



33.1596, 0.3332, 0.3050



17.6059, 0.3232, 0.3377



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.



38.9324, 0.3462, 0.3553



67.5721, 0.3553, 0.3618



45.4007, 0.3415, 0.3775



9.7761, 0.3275, 0.3411



13.0795, 0.5307, 0.4168



0.5840, 0.4946, 0.4455

Inverse Universe

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



35.6767, 0.2819, 0.3012



60.5254, 0.2744, 0.2938



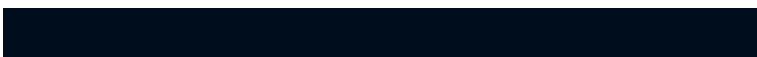
30.0995, 0.2809, 0.2756



9.3996, 0.2985, 0.3166



7.2036, 0.1752, 0.1508



0.3780, 0.1889, 0.1999

Previews

White Background



This preview shows how the Yxy color 38.9307, 0.3462, 0.3553 looks on a white background.

Color Contrast Check

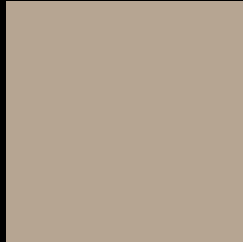
Large Text (above 18pt) WCAG AA × Fail

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 38.9307, 0.3462, 0.3553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

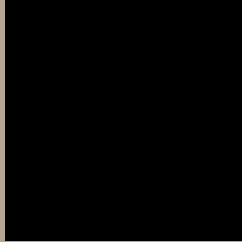
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9307, 0.3462, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 38.9307, 0.3462, 0.3553.



This preview shows how white text looks on a background with the Yxy color 38.9307, 0.3462, 0.3553.

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

38.9307, 0.3462, 0.3553

Protanopia

38.8580, 0.3379, 0.3572

Deuteranopia

38.6727, 0.3553, 0.3479



Tritanopia

38.9848, 0.3250, 0.3118

Trichromacy



Original Color

38.9307, 0.3462, 0.3553

Protanomaly

38.8440, 0.3411, 0.3556

Deuteranomaly

38.6386, 0.3520, 0.3494

Tritanomaly

38.8353, 0.3330, 0.3264

Monochromacy



Original Color

38.9307, 0.3462, 0.3553

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.0597, 0.3244, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9307, 0.3462, 0.3553 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, 165, 146)` looks like.

```
.text, #text, p{  
    color:rgb(182, 165, 146)  
}
```

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, 165, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 165, 146) }
```

Border

The CSS property to change the border of an element to Yxy 38.9307, 0.3462, 0.3553 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, 165, 146) }
```

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

```
.border{ border-color:rgb(182, 165, 146) }
```

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

Here you see how a box with a 4 pixel rgb(182, 165, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 165, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 165, 146);  
box-shadow:4px 4px 4px 4px rgb(182, 165,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9307, 0.3462, 0.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 165, 146) }
```

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

```
.background{ background-color: rgb(182,  
165, 146) }
```

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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