

Converting Colors

Yxy(38.0476, 0.3341, 0.3564)

Have a look what the booklet for
Yxy(38.0476, 0.3341, 0.3564)
contains.

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Color

Yxy(38.0369, 0.3342, 0.3562)

Conversions

Conversions Part 1

Format	Color
Hex	ABA693
RGB	171, 166, 147
RGB Percent	67%, 65%, 58%
CMY	0.3296, 0.3489, 0.4236
CMYK	0.00, 0.03, 0.14, 0.33
HSL	48°, 12%, 62%
HSV	48°, 14%, 67%
XYZ	35.6876, 38.0369, 33.0607
YIQ	165.3290, 9.0790, -4.8490

Conversions

Conversions Part 2

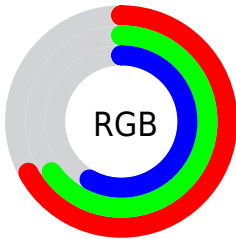
Format	Color
RYB	153, 171, 147
Decimal	11249299
CIELab	68.05, -1.56, 10.48
CIElCh	68, 10.600, 98.468
Yxy	38.0369, 0.3342, 0.3562
Android (android.graphics.Color)	4289439379 (0xFFABA693)
YUV	165.3290, -9.0362, 4.9735
Hunter-Lab	61.6741, -4.6408, 11.3891

Details

The Yxy color **38.0369, 0.3342, 0.3562** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5691, 0.2909, 0.3003**, and the grayscale version is **37.8312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0987, 0.3298, 0.3509**, and **16.8011, 0.3420, 0.3651** is the 20% darker color. If you saturate the color by 10%, you get **36.2811, 0.3508, 0.3764**, and if you desaturate by 10%, it is **39.9107, 0.3186, 0.3366**.

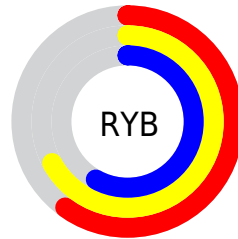
Distribution



Red (67%)

Green (65%)

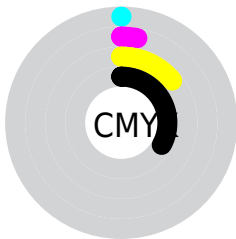
Blue (58%)



Red (60%)

Yellow (67%)

Blue (58%)

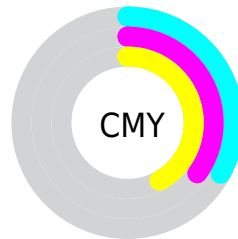


Cyan (0%)

Magenta (3%)

Yellow (14%)

Black (33%)



Cyan (33%)


Magenta (35%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0369, 0.3342, 0.3562 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 38.0369, 0.3342, 0.3562 by changing the saturation by 10% instead.


 38.0369, 0.3342,
0.3562


 38.0369, 0.3342,
0.3562


337.7782, 0.3231,
0.3421

 26.0113, 0.3371,
0.3599


 72.1647, 0.3301,
0.3509

 16.8321, 0.3408,
0.3647


 95.0357, 0.3286,
0.3490

 10.1149, 0.3459,
0.3714


122.2907, 0.3273,
0.3474

 5.4752, 0.3533,
0.3810

154.3139, 0.3262,
0.3460

 2.5287, 0.3647,
0.3962

191.4899, 0.3253,
0.3448

 0.8909, 0.4176,
0.4600

234.2031, 0.3245,

 0.0000, 0.0000,

0.3438

0.0000

282.8377, 0.3238,
0.3429

■ 38.0369, 0.3342,
0.3562

■ 38.0369, 0.3342,
0.3562

■ 36.2811, 0.3508,
0.3764

■ 39.9107, 0.3186,
0.3366

■ 34.6344, 0.3681,
0.3966

■ 41.9011, 0.3042,
0.3180

■ 33.0946, 0.3857,
0.4161

■ 44.0130, 0.2911,
0.3004

■ 31.6573, 0.4031,
0.4340

■ 46.2498, 0.2791,
0.2842

■ 30.3176, 0.4195,
0.4494

■ 48.6144, 0.2684,
0.2692

■ 29.0703, 0.4341,
0.4612

■ 51.1097, 0.2587,
0.2554

■ 27.9093, 0.4464,
0.4689

■ 52.9653, 0.2562,
0.2542

■ 26.8274, 0.4559,
0.4719

■ 54.5120, 0.2567,
0.2584

■ 26.2076, 0.4607,
0.4724

■ 56.0957, 0.2573,
0.2626

Harmonies

Analogous

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



38.0369, 0.3428, 0.3493



38.0369, 0.3342, 0.3562



38.0369, 0.3199, 0.3556

Triad

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



38.0369, 0.3342, 0.3562



38.0369, 0.2832, 0.3194



38.0369, 0.3210, 0.3116

Complementary

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



38.0369, 0.3342, 0.3562



31.5691, 0.2909, 0.3003

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.



38.0369, 0.3049, 0.3039



38.0369, 0.3342, 0.3562



38.0369, 0.2834, 0.3080

Square

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



38.0369, 0.3342, 0.3562



38.0369, 0.2906, 0.3339



38.0369, 0.2913, 0.3025



38.0369, 0.3351, 0.3237

Rectangle

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



38.0369, 0.3342, 0.3562



38.0369, 0.3092, 0.3509



38.0369, 0.2913, 0.3025



38.0369, 0.3157, 0.3085

Sweetspot

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



38.0386, 0.3342, 0.3562



71.5090, 0.3187, 0.3367



31.7895, 0.3327, 0.3215



15.8900, 0.3198, 0.3381



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



38.0386, 0.3342, 0.3562



67.1157, 0.3396, 0.3628



39.1207, 0.3268, 0.3636



9.0464, 0.3267, 0.3469



19.8471, 0.4602, 0.4728



0.6218, 0.4457, 0.4843

Inverse Universe

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



31.5691, 0.2909, 0.3003



53.1223, 0.2854, 0.2928



30.6513, 0.2973, 0.2933



8.0140, 0.2986, 0.3104



3.1923, 0.1563, 0.0828



0.1640, 0.1714, 0.1369

Previews

White Background



This preview shows how the Yxy color 38.0369, 0.3342, 0.3562 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 38.0369, 0.3342, 0.3562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

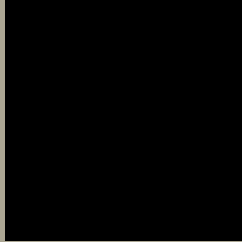
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

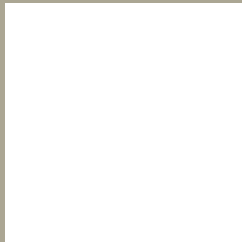
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.0369, 0.3342, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 38.0369, 0.3342, 0.3562.



This preview shows how white text looks on a background with the Yxy color 38.0369, 0.3342, 0.3562.

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

38.0369, 0.3342, 0.3562

Protanopia

37.9011, 0.3364, 0.3546

Deuteranopia

37.9711, 0.3516, 0.3454



Tritanopia

38.0498, 0.3136, 0.3112

Trichromacy



Original Color

38.0369, 0.3342, 0.3562

Protanomaly

37.7875, 0.3354, 0.3547

Deuteranomaly

37.9239, 0.3451, 0.3484

Tritanomaly

37.9097, 0.3214, 0.3262

Monochromacy



Original Color

38.0369, 0.3342, 0.3562

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.5944, 0.3207, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0369, 0.3342, 0.3562 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(171, 166, 147)` looks like.

```
.text, #text, p{  
    color:rgb(171, 166, 147)  
}
```

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(171, 166, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 166, 147) }
```

Border

The CSS property to change the border of an element to Yxy 38.0369, 0.3342, 0.3562 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(171, 166, 147) }
```

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

```
.border{ border-color:rgb(171, 166, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 166, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 166, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 166, 147);  
box-shadow:4px 4px 4px 4px rgb(171, 166,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0369, 0.3342, 0.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 166, 147) }
```

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

```
.background{ background-color: rgb(171,  
166, 147) }
```

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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