

Converting Colors

Yxy(35.4764, 0.3321, 0.3468)

Have a look what the booklet for
Yxy(35.4764, 0.3321, 0.3468)
contains.

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Color

Yxy(35.5730, 0.3324, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	A8A093
RGB	168, 160, 147
RGB Percent	66%, 63%, 58%
CMY	0.3412, 0.3725, 0.4234
CMYK	0.00, 0.05, 0.12, 0.34
HSL	37°, 11%, 62%
HSV	37°, 12%, 66%
XYZ	33.9881, 35.5730, 32.6895
YIQ	160.9100, 8.9410, -2.3470

Conversions

Conversions Part 2

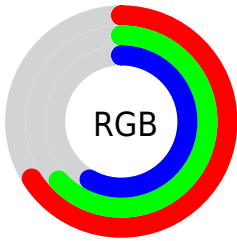
Format	Color
RYB	160, 168, 147
Decimal	11051155
CIELab	66.19, 0.62, 7.79
CIELCh	66, 7.815, 85.470
Yxy	35.5730, 0.3324, 0.3479
Android (android.graphics.Color)	4289241235 (0xFFA8A093)
YUV	160.9100, -6.8576, 6.2179
Hunter-Lab	59.6431, -2.6557, 9.2542

Details

The Yxy color **35.5730, 0.3324, 0.3479** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4866, 0.2936, 0.3094**, and the grayscale version is **35.6277, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5059, 0.3283, 0.3446**, and **15.4948, 0.3394, 0.3558** is the 20% darker color. If you saturate the color by 10%, you get **32.9190, 0.3501, 0.3638**, and if you desaturate by 10%, it is **38.4218, 0.3164, 0.3327**.

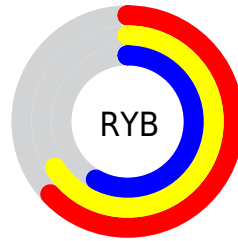
Distribution



Red (66%)

Green (63%)

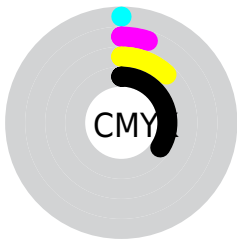
Blue (58%)



Red (63%)

Yellow (66%)

Blue (58%)

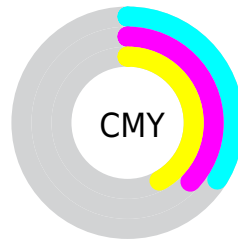


Cyan (0%)

Magenta (5%)

Yellow (12%)

Black (34%)



Cyan (34%)


Magenta (37%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5730, 0.3324, 0.3479 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 35.5730, 0.3324, 0.3479 by changing the saturation by 10% instead.


 35.5730, 0.3324,
0.3479


 35.5730, 0.3324,
0.3479


327.0903, 0.3221,
0.3380

 24.1046, 0.3351,
0.3505


 68.3725, 0.3285,
0.3442

 15.4112, 0.3387,
0.3539


 90.4724, 0.3271,
0.3429

 9.1085, 0.3437,
0.3587


116.8849, 0.3260,
0.3417

 4.8120, 0.3510,
0.3656

147.9944, 0.3249,
0.3408

 2.1374, 0.3628,
0.3767

184.1853, 0.3241,
0.3399

 0.6855, 0.4290,
0.4412

225.8420, 0.3233,

 0.0000, 0.0000,

0.3392

0.0000

273.3489, 0.3227,
0.3386

■ 35.5730, 0.3324,
0.3479

■ 35.5730, 0.3324,
0.3479

■ 32.9190, 0.3501,
0.3638

■ 38.4218, 0.3164,
0.3327

■ 30.4501, 0.3696,
0.3800

■ 41.4655, 0.3021,
0.3183

■ 28.1626, 0.3905,
0.3959

■ 44.7103, 0.2895,
0.3049

■ 26.0507, 0.4126,
0.4108

■ 48.1606, 0.2782,
0.2926

■ 24.1084, 0.4350,
0.4235

■ 51.8206, 0.2683,
0.2812

■ 22.3292, 0.4568,
0.4331

■ 55.6944, 0.2595,
0.2708

■ 20.7056, 0.4769,
0.4384

■ 59.1499, 0.2566,
0.2711

■ 19.2292, 0.4942,
0.4388

■ 62.2780, 0.2576,
0.2787

■ 18.2047, 0.5058,
0.4366

■ 65.5332, 0.2586,
0.2863

Harmonies

Analogous

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



35.5730, 0.3363, 0.3409



35.5730, 0.3324, 0.3479



35.5730, 0.3232, 0.3499

Triad

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



35.5730, 0.3324, 0.3479



35.5730, 0.2921, 0.3265



35.5730, 0.3138, 0.3128

Complementary

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



35.5730, 0.3324, 0.3479



32.4866, 0.2936, 0.3094

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.



35.5730, 0.3020, 0.3089



35.5730, 0.3324, 0.3479



35.5730, 0.2897, 0.3165

Square

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



35.5730, 0.3324, 0.3479



35.5730, 0.3000, 0.3374



35.5730, 0.2933, 0.3102



35.5730, 0.3254, 0.3208

Rectangle

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



35.5730, 0.3324, 0.3479



35.5730, 0.3154, 0.3480



35.5730, 0.2933, 0.3102



35.5730, 0.3097, 0.3109

Sweetspot

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



35.5746, 0.3324, 0.3479



68.8736, 0.3188, 0.3350



31.5703, 0.3267, 0.3173



14.9276, 0.3200, 0.3361



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



35.5746, 0.3324, 0.3479



63.1723, 0.3372, 0.3523



38.1740, 0.3286, 0.3594



8.2856, 0.3271, 0.3429



13.8477, 0.5047, 0.4375



0.4311, 0.4700, 0.4650

Inverse Universe

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



32.4866, 0.2936, 0.3094



56.4477, 0.2891, 0.3046



30.1377, 0.2957, 0.2972



7.7523, 0.2986, 0.3147



5.0061, 0.1678, 0.1240



0.2209, 0.1868, 0.1926

Previews

White Background



This preview shows how the Yxy color 35.5730, 0.3324, 0.3479 looks on a white background.

Color Contrast Check

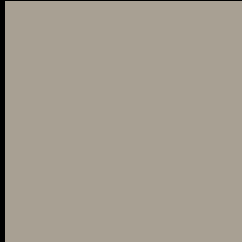
Large Text (above 18pt) WCAG AA × Fail

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 35.5730, 0.3324, 0.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

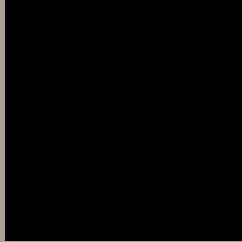
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

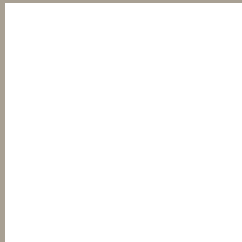
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.5730, 0.3324, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 35.5730, 0.3324, 0.3479.

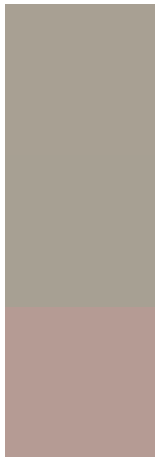


This preview shows how white text looks on a background with the Yxy color 35.5730, 0.3324, 0.3479.

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

35.5730, 0.3324, 0.3479

Protanopia

35.4637, 0.3314, 0.3480

Deuteranopia

35.4046, 0.3458, 0.3389



Tritanopia

35.6364, 0.3154, 0.3121

Trichromacy



Original Color

35.5730, 0.3324, 0.3479

Protanomaly

35.4637, 0.3314, 0.3480

Deuteranomaly

35.4822, 0.3402, 0.3419

Tritanomaly

35.5730, 0.3217, 0.3248

Monochromacy



Original Color

35.5730, 0.3324, 0.3479

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.7826, 0.3201, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5730, 0.3324, 0.3479 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(168, 160, 147)` looks like.

```
.text, #text, p{  
    color:rgb(168, 160, 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(168, 160, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 160, 147) }
```

Border

The CSS property to change the border of an element to Yxy 35.5730, 0.3324, 0.3479 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(168, 160, 147) }
```

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

```
.border{ border-color:rgb(168, 160, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 160, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 160, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 160, 147);  
box-shadow:4px 4px 4px 4px rgb(168, 160,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5730, 0.3324, 0.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 160, 147) }
```

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

```
.background{ background-color: rgb(168,  
160, 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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