

Converting Colors

$Yxy(36.5640, 0.3424, 0.3488)$

Have a look what the booklet for
Yxy(36.5640, 0.3424, 0.3488)
contains.

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Color

Yxy(36.5640, 0.3424, 0.3488)

Conversions

Conversions Part 1

Format	Color
Hex	B1A092
RGB	177, 160, 146
RGB Percent	69%, 63%, 57%
CMY	0.3059, 0.3725, 0.4273
CMYK	0.00, 0.10, 0.18, 0.31
HSL	27°, 17%, 63%
HSV	27°, 18%, 69%
XYZ	35.8931, 36.5640, 32.3709
YIQ	163.4870, 14.6260, -0.7500

Conversions

Conversions Part 2

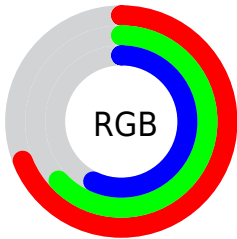
Format	Color
RYB	177, 172, 146
Decimal	11640978
CIELab	66.95, 3.87, 9.53
CIELCh	67, 10.286, 67.912
Yxy	36.5640, 0.3424, 0.3488
Android (android.graphics.Color)	4289831058 (0xFFB1A092)
YUV	163.4870, -8.6211, 11.8509
Hunter-Lab	60.4682, 0.1359, 10.5876

Details

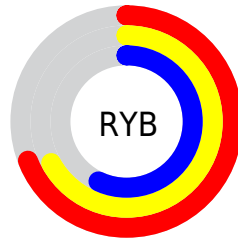
The Yxy color **36.5640, 0.3424, 0.3488** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.4945, 0.2858, 0.3084**, and the grayscale version is **36.9064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0946, 0.3366, 0.3453**, and **16.0669, 0.3509, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **32.8181, 0.3629, 0.3608**, and if you desaturate by 10%, it is **40.6618, 0.3245, 0.3372**.

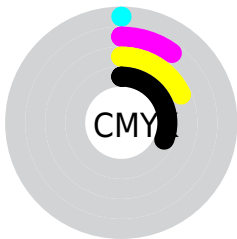
Distribution



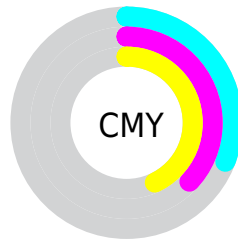
- Red (69%)
- Green (63%)
- Blue (57%)



- Red (69%)
- Yellow (67%)
- Blue (57%)



- Cyan (0%)
- Magenta (10%)
- Yellow (18%)
- Black (31%)




- Cyan (31%)
- Magenta (37%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5640, 0.3424, 0.3488 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 36.5640, 0.3424, 0.3488 by changing the saturation by 10% instead.


 36.5640, 0.3424,
0.3488


 36.5640, 0.3424,
0.3488


331.4190, 0.3269,
0.3386

 24.8701, 0.3465,
0.3514


 69.9017, 0.3366,
0.3450

 15.9803, 0.3519,
0.3548


 92.3143, 0.3345,
0.3436

 9.5102, 0.3593,
0.3595

119.0686, 0.3327,
0.3425

 5.0754, 0.3702,
0.3661

150.5489, 0.3312,
0.3415

 2.2916, 0.3876,
0.3762

187.1397, 0.3299,
0.3406

 0.7693, 0.4675,
0.4356

229.2254, 0.3288,

 0.0000, 0.0000,


0.3399


0.0000


277.1904, 0.3278,
0.3392


 36.5640, 0.3424,
0.3488


 36.5640, 0.3424,
0.3488


 32.8181, 0.3629,
0.3608

 40.6618, 0.3245,
0.3372


 29.4093, 0.3861,
0.3730


 45.1161, 0.3091,
0.3264


 26.3289, 0.4119,
0.3846

 49.9376, 0.2956,
0.3162

 23.5658, 0.4400,
0.3948

 55.1349, 0.2840,
0.3069

 21.1082, 0.4694,
0.4025

 60.7164, 0.2740,
0.2984

■ 18.9433, 0.4986,
0.4065

■ 66.6904, 0.2653,
0.2905

■ 17.0572, 0.5256,
0.4056

■ 72.0651, 0.2651,
0.2988

■ 15.4320, 0.5489,
0.3996

■ 77.5633, 0.2664,
0.3099

■ 15.0611, 0.5545,
0.3979

■ 83.3667, 0.2676,
0.3207

Harmonies

Analogous

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



36.5640, 0.3426, 0.3370



36.5640, 0.3424, 0.3488



36.5640, 0.3341, 0.3557

Triad

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



36.5640, 0.3424, 0.3488



36.5640, 0.2912, 0.3341



36.5640, 0.3048, 0.3043

Complementary

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



36.5640, 0.3424, 0.3488



35.4945, 0.2858, 0.3084

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.



36.5640, 0.2914, 0.3030



36.5640, 0.3424, 0.3488



36.5640, 0.2837, 0.3198

Square

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



36.5640, 0.3424, 0.3488



36.5640, 0.3044, 0.3473



36.5640, 0.2838, 0.3085



36.5640, 0.3206, 0.3117

Rectangle

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



36.5640, 0.3424, 0.3488



36.5640, 0.3251, 0.3563



36.5640, 0.2838, 0.3085



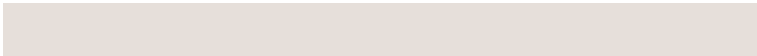
36.5640, 0.2999, 0.3031

Sweetspot

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



36.5656, 0.3424, 0.3488



74.6863, 0.3206, 0.3345



32.5609, 0.3283, 0.3051



16.0702, 0.3217, 0.3353



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



36.5656, 0.3424, 0.3488



62.8211, 0.3500, 0.3534



42.2621, 0.3389, 0.3697



9.1154, 0.3276, 0.3393



11.0296, 0.5527, 0.3993



0.4641, 0.5064, 0.4361

Inverse Universe

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



35.4945, 0.2858, 0.3084



60.5417, 0.2797, 0.3033



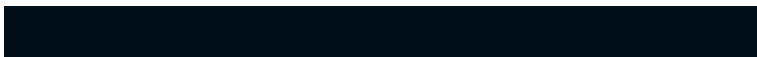
30.3355, 0.2847, 0.2848



8.9775, 0.2985, 0.3185



8.6393, 0.1824, 0.1767



0.3864, 0.1954, 0.2234

Previews

White Background



This preview shows how the Yxy color 36.5640, 0.3424, 0.3488 looks on a white background.

Color Contrast Check

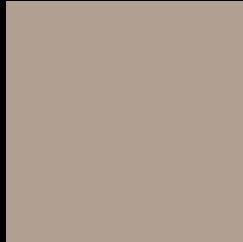
Large Text (above 18pt) WCAG AA × Fail

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 36.5640, 0.3424, 0.3488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

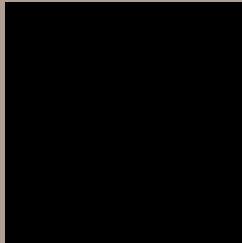
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5640, 0.3424, 0.3488

Background



This preview shows how black text looks on a background with the Yxy color 36.5640, 0.3424, 0.3488.



This preview shows how white text looks on a background with the Yxy color 36.5640, 0.3424, 0.3488.

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

36.5640, 0.3424, 0.3488

Protanopia

36.4933, 0.3340, 0.3507

Deuteranopia

36.5348, 0.3503, 0.3429



Tritanopia

36.6818, 0.3242, 0.3126

Trichromacy



Original Color

36.5640, 0.3424, 0.3488

Protanomaly

36.4806, 0.3372, 0.3491

Deuteranomaly

36.5054, 0.3470, 0.3444

Tritanomaly

36.6106, 0.3306, 0.3249

Monochromacy



Original Color

36.5640, 0.3424, 0.3488

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.5998, 0.3229, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5640, 0.3424, 0.3488 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(177, 160, 146)` looks like.

```
.text, #text, p{  
    color:rgb(177, 160, 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(177, 160, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 160, 146) }
```

Border

The CSS property to change the border of an element to Yxy 36.5640, 0.3424, 0.3488 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(177, 160, 146) }
```

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

```
.border{ border-color:rgb(177, 160, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 160, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 160, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 160, 146); box-shadow:4px 4px 4px 4px rgb(177, 160, 146) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5640, 0.3424, 0.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 160, 146) }
```

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

```
.background{ background-color: rgb(177,  
160, 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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