

Converting Colors

$Y_{xy}(30.4473, 0.33330, 0.3606)$

Have a look what the booklet for
Yxy(30.4473, 0.3330, 0.3606)
contains.

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Color

Yxy(30.4473, 0.3330, 0.3606)

Conversions

Conversions Part 1

Format	Color
Hex	989783
RGB	152, 151, 131
RGB Percent	60%, 59%, 51%
CMY	0.4038, 0.4079, 0.4862
CMYK	0.00, 0.01, 0.14, 0.40
HSL	57°, 9%, 55%
HSV	57°, 14%, 60%
XYZ	28.1169, 30.4473, 25.8709
YIQ	149.0190, 7.0160, -6.0080

Conversions

Conversions Part 2

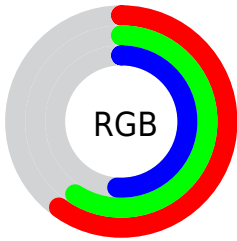
Format	Color
RYB	132, 152, 131
Decimal	10000259
CIELab	62.04, -3.22, 10.67
CIELCh	62, 11.149, 106.770
Yxy	30.4473, 0.3330, 0.3606
Android (android.graphics.Color)	4288190339 (0xFF989783)
YUV	149.0190, -8.8834, 2.6143
Hunter-Lab	55.1791, -5.6074, 10.8270

Details

The Yxy color **30.4473, 0.3330, 0.3606** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.6093, 0.2913, 0.2953**, and the grayscale version is **30.1017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.2451, 0.3286, 0.3539**, and **12.4902, 0.3394, 0.3703** is the 20% darker color. If you saturate the color by 10%, you get **29.8256, 0.3482, 0.3840**, and if you desaturate by 10%, it is **31.1337, 0.3182, 0.3376**.

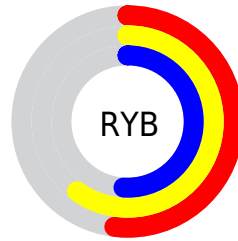
Distribution



Red (60%)

Green (59%)

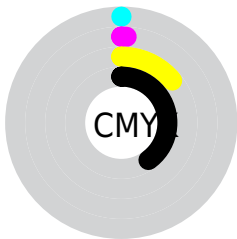
Blue (51%)



Red (52%)

Yellow (60%)

Blue (51%)

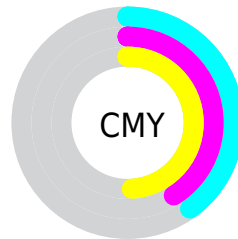


Cyan (0%)

Magenta (1%)

Yellow (14%)

Black (40%)



Cyan (40%)


Magenta (41%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4473, 0.3330, 0.3606 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 30.4473, 0.3330, 0.3606 by changing the saturation by 10% instead.


 30.4473, 0.3330,
0.3606


 30.4473, 0.3330,
0.3606


303.9839, 0.3222,
0.3436

 20.1784, 0.3359,
0.3653


 60.3688, 0.3289,
0.3541

 12.5248, 0.3398,
0.3717


 80.7902, 0.3274,
0.3517

 7.1021, 0.3453,
0.3807


 105.3645, 0.3262,
0.3498

 3.5260, 0.3534,
0.3945

134.4762, 0.3252,
0.3481

 1.4121, 0.3690,
0.4209

168.5095, 0.3243,
0.3467

 0.2256, 0.3760,
0.6240

207.8490, 0.3235,

 0.0000, 0.0000,

0.3455

0.0000

252.8790, 0.3228,
0.3445

■ 30.4473, 0.3330,
0.3606

■ 30.4473, 0.3330,
0.3606

■ 29.8256, 0.3482,
0.3840

■ 31.1337, 0.3182,
0.3376

■ 29.2620, 0.3634,
0.4072

■ 31.8833, 0.3041,
0.3155

■ 28.7549, 0.3781,
0.4294

■ 32.6996, 0.2909,
0.2946

■ 28.3014, 0.3917,
0.4496

■ 33.5851, 0.2786,
0.2752

■ 27.8981, 0.4037,
0.4670

■ 34.5416, 0.2674,
0.2573

■ 27.5412, 0.4135,
0.4808

■ 35.5714, 0.2571,
0.2409

■ 27.2265, 0.4209,
0.4905

■ 36.6762, 0.2479,
0.2260

■ 26.9487, 0.4257,
0.4960

■ 37.8580, 0.2395,
0.2124

■ 26.7870, 0.4280,
0.4983

■ 38.2638, 0.2384,
0.2112

Harmonies

Analogous

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



30.4473, 0.3450, 0.3548



30.4473, 0.3330, 0.3606



30.4473, 0.3158, 0.3575

Triad

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



30.4473, 0.3330, 0.3606



30.4473, 0.2785, 0.3139



30.4473, 0.3270, 0.3128

Complementary

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



30.4473, 0.3330, 0.3606



23.6093, 0.2913, 0.2953

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.



30.4473, 0.3088, 0.3025



30.4473, 0.3330, 0.3606



30.4473, 0.2812, 0.3027

Square

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



30.4473, 0.3330, 0.3606



30.4473, 0.2846, 0.3299



30.4473, 0.2922, 0.2988



30.4473, 0.3415, 0.3272

Rectangle

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



30.4473, 0.3330, 0.3606



30.4473, 0.3038, 0.3507



30.4473, 0.2922, 0.2988



30.4473, 0.3211, 0.3087

Sweetspot

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



30.4486, 0.3330, 0.3606



56.5082, 0.3186, 0.3382



24.5813, 0.3362, 0.3274



12.4574, 0.3196, 0.3398



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



30.4486, 0.3330, 0.3606



54.8865, 0.3383, 0.3688



29.9068, 0.3229, 0.3632



7.1707, 0.3261, 0.3499



22.4639, 0.4280, 0.4984



0.3496, 0.4238, 0.5017

Inverse Universe

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



23.6093, 0.2913, 0.2953



39.6750, 0.2853, 0.2858



24.1197, 0.3015, 0.2946



6.0728, 0.2988, 0.3072



2.0510, 0.1512, 0.0642



0.0421, 0.1569, 0.0848

Previews

White Background



This preview shows how the Yxy color 30.4473, 0.3330, 0.3606 looks on a white background.

Color Contrast Check

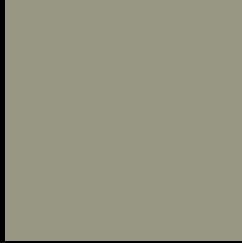
Large Text (above 18pt) WCAG AA × Fail

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 30.4473, 0.3330, 0.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

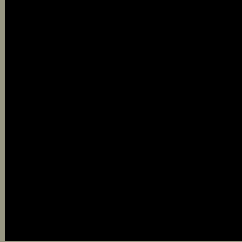
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

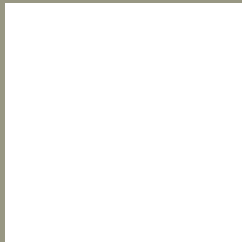
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.4473, 0.3330, 0.3606

Background



This preview shows how black text looks on a background with the Yxy color 30.4473, 0.3330, 0.3606.



This preview shows how white text looks on a background with the Yxy color 30.4473, 0.3330, 0.3606.

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

30.4473, 0.3330, 0.3606

Protanopia

30.2747, 0.3398, 0.3587

Deuteranopia

30.2704, 0.3545, 0.3470



Tritanopia

30.4386, 0.3105, 0.3109

Trichromacy



Original Color

30.4473, 0.3330, 0.3606

Protanomaly

30.3930, 0.3374, 0.3604

Deuteranomaly

30.4259, 0.3459, 0.3519

Tritanomaly

30.3183, 0.3190, 0.3275

Monochromacy



Original Color

30.4473, 0.3330, 0.3606

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.2497, 0.3203, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4473, 0.3330, 0.3606 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(152, 151, 131)` looks like.

```
.text, #text, p{  
    color:rgb(152, 151, 131)  
}
```

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(152, 151, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 151, 131) }
```

Border

The CSS property to change the border of an element to Yxy 30.4473, 0.3330, 0.3606 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(152, 151, 131) }
```

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

```
.border{ border-color:rgb(152, 151, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 151, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 151, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 151, 131);  
box-shadow:4px 4px 4px 4px rgb(152, 151,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4473, 0.3330, 0.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 151, 131) }
```

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

```
.background{ background-color: rgb(152,  
151, 131) }
```

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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