

Converting Colors

$Y_{xy}(32.5032, 0.3038, 0.2994)$

Have a look what the booklet for
Yxy(32.5032, 0.3038, 0.2994)
contains.

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Color

Yxy(32.6506, 0.3042, 0.3000)

Conversions

Conversions Part 1	
Format	Color
Hex	A197AB
RGB	161, 151, 171
RGB Percent	63%, 59%, 67%
CMY	0.3688, 0.4078, 0.3295
CMYK	0.06, 0.12, 0.00, 0.33
HSL	270°, 11%, 63%
HSV	270°, 12%, 67%
XYZ	33.1077, 32.6506, 43.0770
YIQ	156.2700, -0.4600, 8.3400

Conversions

Conversions Part 2

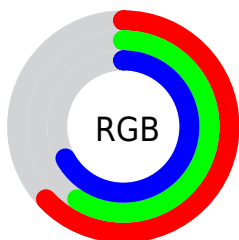
Format	Color
RYB	161, 151, 171
Decimal	10590123
CIELab	63.88, 7.51, -9.10
CIELCh	64, 11.799, 309.508
Yxy	32.6506, 0.3042, 0.3000
Android (android.graphics.Color)	4288780203 (0xFFA197AB)
YUV	156.2700, 7.2619, 4.1482
Hunter-Lab	57.1407, 3.4279, -4.6988

Details

The Yxy color $32.6506, 0.3042, 0.3000$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $38.9366, 0.3205, 0.3580$, and the grayscale version is $33.3379, 0.3127, 0.3290$.

A 20% lighter version of the original color is $63.7526, 0.3063, 0.3057$, and $13.6975, 0.3005, 0.2900$ is the 20% darker color. If you saturate the color by 10%, you get $26.6795, 0.2956, 0.2730$, and if you desaturate by 10%, it is $39.4839, 0.3116, 0.3250$.

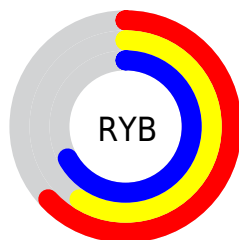
Distribution



Red (63%)

Green (59%)

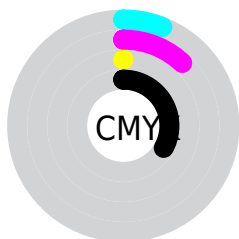
Blue (67%)



Red (63%)

Yellow (59%)

Blue (67%)

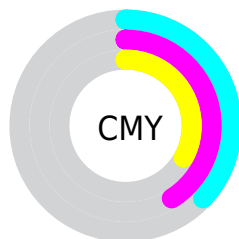


Cyan (6%)

Magenta (12%)

Yellow (0%)

Black (33%)



Cyan (37%)


Magenta (41%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6506, 0.3042, 0.3000 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 32.6506, 0.3042, 0.3000 by changing the saturation by 10% instead.


 32.6506, 0.3042,
0.3000

 32.6506, 0.3042,
0.3000

314.0724, 0.3088,
0.3151

 21.8589, 0.3029,
0.2960


 63.8296, 0.3060,
0.3056

 13.7533, 0.3012,
0.2908


 84.9858, 0.3066,
0.3077

 7.9493, 0.2988,
0.2836


110.3656, 0.3071,
0.3094

 4.0625, 0.2951,
0.2731

140.3533, 0.3076,
0.3109

 1.7086, 0.2888,
0.2564

175.3335, 0.3079,
0.3122

 0.4292, 0.2774,
0.2014

215.6905, 0.3083,

 0.0000, 0.0000,

0.3133


0.0000


261.8086, 0.3086,
0.3143

 32.6506, 0.3042,
0.3000


 32.6506, 0.3042,
0.3000

 26.6795, 0.2956,
0.2730


 39.4839, 0.3116,
0.3250


 21.5312, 0.2857,
0.2446


 47.2086, 0.3179,
0.3479

 17.1689, 0.2747,
0.2153

 55.8577, 0.3231,
0.3686

 13.5517, 0.2625,
0.1862

 65.4610, 0.3275,
0.3872

 10.6348, 0.2497,
0.1586

 76.0472, 0.3312,
0.4038

■ 8.3683, 0.2365,
0.1339

■ 87.6436, 0.3342,
0.4186

■ 6.6956, 0.2237,
0.1135

■ 89.8411, 0.3396,
0.4182

■ 5.5495, 0.2117,
0.0983

■ 91.2240, 0.3453,
0.4166

■ 4.8769, 0.2025,
0.0889

■ 92.6768, 0.3512,
0.4149

Harmonies

Analogous

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



32.6506, 0.2881, 0.2980



32.6506, 0.3042, 0.3000



32.6506, 0.3230, 0.3091

Triad

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



32.6506, 0.3042, 0.3000



32.6506, 0.3478, 0.3531



32.6506, 0.2864, 0.3341

Complementary

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



32.6506, 0.3042, 0.3000



38.9366, 0.3205, 0.3580

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.



32.6506, 0.3018, 0.3502



32.6506, 0.3042, 0.3000



32.6506, 0.3373, 0.3610

Square

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



32.6506, 0.3042, 0.3000



32.6506, 0.3486, 0.3392



32.6506, 0.3204, 0.3602



32.6506, 0.2781, 0.3171

Rectangle

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



32.6506, 0.3042, 0.3000



32.6506, 0.3346, 0.3182



32.6506, 0.3204, 0.3602



32.6506, 0.2909, 0.3398

Sweetspot

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



32.6520, 0.3042, 0.3000



67.6545, 0.3099, 0.3192



35.1277, 0.2949, 0.3147



14.8800, 0.3094, 0.3174



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.



32.6520, 0.3042, 0.3000



55.5946, 0.3021, 0.2932



33.6980, 0.3137, 0.3009



7.9457, 0.3061, 0.3061



3.7085, 0.2035, 0.0894



0.1358, 0.2379, 0.1084

Inverse Universe

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



33.3704, 0.3234, 0.3147



57.1515, 0.3261, 0.3114



37.9680, 0.3116, 0.3588



8.0799, 0.3211, 0.3177



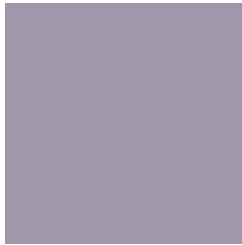
7.0423, 0.4917, 0.2482



0.2070, 0.4270, 0.2126

Previews

White Background



This preview shows how the Yxy color 32.6506, 0.3042, 0.3000 looks on a white background.

Color Contrast Check

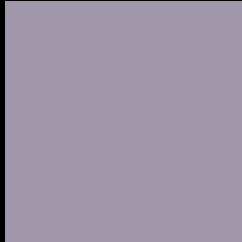
Large Text (above 18pt) WCAG AA × Fail

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 32.6506, 0.3042, 0.3000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

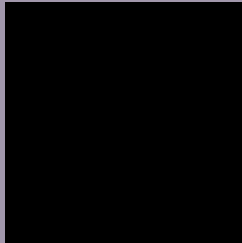
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6506, 0.3042, 0.3000

Background



This preview shows how black text looks on a background with the Yxy color 32.6506, 0.3042, 0.3000.



This preview shows how white text looks on a background with the Yxy color 32.6506, 0.3042, 0.3000.

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

32.6506, 0.3042, 0.3000

Protanopia

32.8037, 0.2939, 0.3009

Deuteranopia

32.7549, 0.3052, 0.3000



Tritanopia

32.6104, 0.3096, 0.3113

Trichromacy



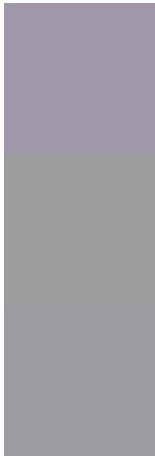
Original Color
32.6506, 0.3042, 0.3000

Protanomaly
32.7296, 0.2976, 0.3010

Deuteranomaly
32.7549, 0.3052, 0.3000

Tritanomaly
32.7201, 0.3068, 0.3070

Monochromacy



Original Color
32.6506, 0.3042, 0.3000

Achromatopsia
33.2452, 0.3127, 0.3290

Achromatomaly
32.9535, 0.3102, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6506, 0.3042, 0.3000 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(161, 151, 171) looks like.

```
.text, #text, p{  
    color:rgb(161, 151, 171)  
}
```

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(161, 151, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 151, 171) }
```

Border

The CSS property to change the border of an element to Yxy 32.6506, 0.3042, 0.3000 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(161, 151, 171) }
```

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

```
.border{ border-color:rgb(161, 151, 171) }
```

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

Here you see how a box with a 4 pixel rgb(161, 151, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 151, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 151, 171);  
box-shadow:4px 4px 4px 4px rgb(161, 151,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6506, 0.3042, 0.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 151, 171) }
```

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

```
.background{ background-color: rgb(161,  
151, 171) }
```

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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