

Converting Colors

Yxy(49.9268, 0.3003, 0.3313)

Have a look what the booklet for
Yxy(49.9268, 0.3003, 0.3313)
contains.

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Color

Yxy(49.9344, 0.3006, 0.3316)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AEBFBD |
| RGB | 174, 191, 189 |
| RGB Percent | 68%, 75%, 74% |
| CMY | 0.3177, 0.2509, 0.2589 |
| CMYK | 0.09, 0.00, 0.01, 0.25 |
| HSL | 173°, 12%, 72% |
| HSV | 173°, 9%, 75% |
| XYZ | 45.2662, 49.9344, 55.3856 |
| YIQ | 185.6890, -9.4900, -4.2260 |

Conversions

Conversions Part 2

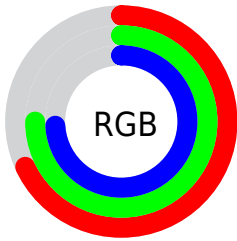
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 174, 183, 191 |
| Decimal | 11452349 |
| CIELab | 76.03, -6.21, -0.98 |
| CIELCh | 76, 6.289, 188.982 |
| Yxy | 49.9344, 0.3006, 0.3316 |
| Android (android.graphics.Color) | 4289642429 (0xFFAEBFBD) |
| YUV | 185.6890, 1.6323, -10.2513 |
| Hunter-Lab | 70.6643, -9.3187, 2.9944 |

Details

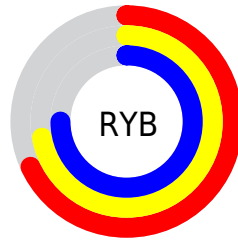
The Yxy color **49.9344, 0.3006, 0.3316** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.4768, 0.3263, 0.3264**, and the grayscale version is **48.9131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9371, 0.3032, 0.3310**, and **24.0921, 0.2975, 0.3325** is the 20% darker color. If you saturate the color by 10%, you get **47.7986, 0.2876, 0.3348**, and if you desaturate by 10%, it is **52.3879, 0.3142, 0.3287**.

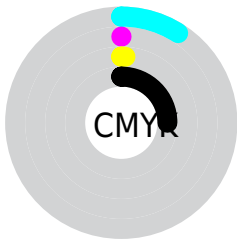
Distribution



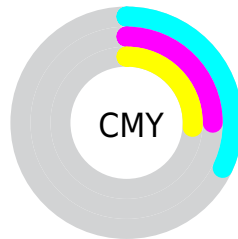
- Red (68%)
- Green (75%)
- Blue (74%)



- Red (68%)
- Yellow (72%)
- Blue (75%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)



- Cyan (32%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.9344, 0.3006, 0.3316 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 49.9344, 0.3006, 0.3316 by changing the saturation by 10% instead.

■ 49.9344, 0.3006,
0.3316

■ 49.9344, 0.3006,
0.3316

386.4094, 0.3066,
0.3303

■ 35.3613, 0.2991,
0.3319

■ 90.0777, 0.3028,
0.3312

■ 23.9413, 0.2973,
0.3323

116.4166, 0.3036,
0.3310

■ 15.2901, 0.2948,
0.3328

147.4463, 0.3043,
0.3308

■ 9.0232, 0.2914,
0.3335

183.5511, 0.3049,
0.3307

■ 4.7563, 0.2863,
0.3345

225.1154, 0.3054,
0.3306

■ 2.1050, 0.2782,
0.3360

272.5236, 0.3058,

■ 0.6674, 0.2481,

0.3305

0.3431

326.1601, 0.3062,
0.3304

0.0000, 0.0000,
0.0000

49.9344, 0.3006,
0.3316

49.9344, 0.3006,
0.3316

47.7986, 0.2876,
0.3348

52.3879, 0.3142,
0.3287

45.9612, 0.2756,
0.3382

55.1651, 0.3282,
0.3261

44.4101, 0.2647,
0.3419

58.2799, 0.3423,
0.3237

43.1302, 0.2553,
0.3458

61.7432, 0.3564,
0.3217

42.1049, 0.2476,
0.3498

62.7142, 0.3583,
0.3194

■ 41.3159, 0.2418,
0.3539

■ 62.8217, 0.3564,
0.3171

■ 40.7424, 0.2378,
0.3580

■ 62.9308, 0.3545,
0.3148

■ 40.3597, 0.2358,
0.3621

■ 63.0415, 0.3527,
0.3124

■ 40.1258, 0.2352,
0.3662

■ 63.1538, 0.3508,
0.3101

Harmonies

Analogous

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



49.9344, 0.3079, 0.3388



49.9344, 0.3006, 0.3316



49.9344, 0.2965, 0.3238

Triad

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



49.9344, 0.3006, 0.3316



49.9344, 0.3087, 0.3153



49.9344, 0.3289, 0.3402

Complementary

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



49.9344, 0.3006, 0.3316



44.4768, 0.3263, 0.3264

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.



49.9344, 0.3292, 0.3338



49.9344, 0.3006, 0.3316



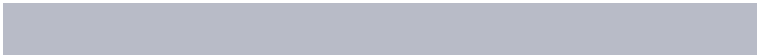
49.9344, 0.3174, 0.3196

Square

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



49.9344, 0.3006, 0.3316



49.9344, 0.3012, 0.3145



49.9344, 0.3249, 0.3263



49.9344, 0.3243, 0.3437

Rectangle

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



49.9344, 0.3006, 0.3316



49.9344, 0.2962, 0.3194



49.9344, 0.3249, 0.3263



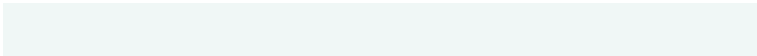
49.9344, 0.3295, 0.3383

Sweetspot

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



49.9365, 0.3006, 0.3316



91.9312, 0.3085, 0.3299



49.5814, 0.3135, 0.3514



20.1084, 0.3074, 0.3301



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



49.9365, 0.3006, 0.3316



88.5117, 0.2976, 0.3323



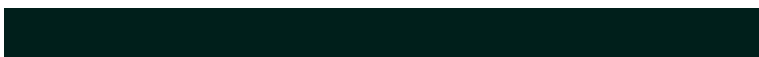
47.3587, 0.2991, 0.3208



10.7894, 0.3000, 0.3317



26.3594, 0.2350, 0.3661



1.0381, 0.2323, 0.3563

Inverse Universe

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



44.4768, 0.3263, 0.3264



76.4470, 0.3302, 0.3257



46.8663, 0.3272, 0.3371



9.5544, 0.3270, 0.3263



7.3257, 0.6234, 0.3208



0.2931, 0.5746, 0.2939

Previews

White Background



This preview shows how the Yxy color 49.9344, 0.3006, 0.3316 looks on a white background.

Color Contrast Check

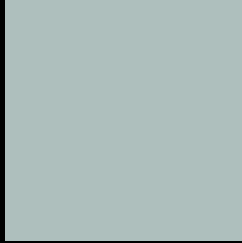
Large Text (above 18pt) WCAG AA × Fail

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 49.9344, 0.3006, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

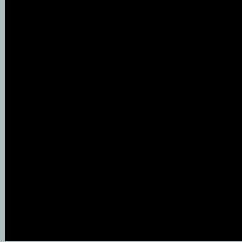
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

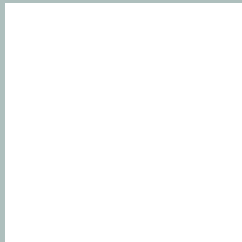
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.9344, 0.3006, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 49.9344, 0.3006, 0.3316.



This preview shows how white text looks on a background with the Yxy color 49.9344, 0.3006, 0.3316.

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

49.9344, 0.3006, 0.3316

Protanopia

49.7393, 0.3169, 0.3290

Deuteranopia

49.6467, 0.3244, 0.3169



Tritanopia

49.9849, 0.2914, 0.3099

Trichromacy



Original Color

49.9344, 0.3006, 0.3316

Protanomaly

49.8686, 0.3110, 0.3303

Deuteranomaly

49.7531, 0.3155, 0.3228

Tritanomaly

50.0644, 0.2942, 0.3174

Monochromacy



Original Color

49.9344, 0.3006, 0.3316

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.4994, 0.3086, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9344, 0.3006, 0.3316 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(174, 191, 189)` looks like.

```
.text, #text, p{  
    color:rgb(174, 191, 189)  
}
```

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(174, 191, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 191, 189) }
```

Border

The CSS property to change the border of an element to Yxy 49.9344, 0.3006, 0.3316 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(174, 191, 189) }
```

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

```
.border{ border-color:rgb(174, 191, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 191, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 191, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 191, 189);  
box-shadow:4px 4px 4px 4px rgb(174, 191,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9344, 0.3006, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 191, 189) }
```

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

```
.background{ background-color: rgb(174,  
191, 189) }
```

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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