

Converting Colors

$Yxy(30.6023, 0.3409, 0.3456)$

Have a look what the booklet for
Yxy(30.6023, 0.3409, 0.3456)
contains.

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Color

Yxy(30.5375, 0.3418, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	A49388
RGB	164, 147, 136
RGB Percent	64%, 58%, 53%
CMY	0.3569, 0.4235, 0.4667
CMYK	0.00, 0.10, 0.17, 0.36
HSL	24°, 13%, 59%
HSV	24°, 17%, 64%
XYZ	30.1843, 30.5375, 27.5880
YIQ	150.8290, 13.6630, 0.1830

Conversions

Conversions Part 2

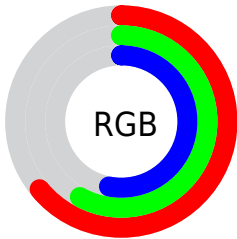
Format	Color
RYB	164, 154, 136
Decimal	10785672
CIELab	62.12, 4.42, 8.13
CIElCh	62, 9.252, 61.431
Yxy	30.5375, 0.3418, 0.3458
Android (android.graphics.Color)	4288975752 (0xFFA49388)
YUV	150.8290, -7.3107, 11.5510
Hunter-Lab	55.2607, 0.7931, 9.0830

Details

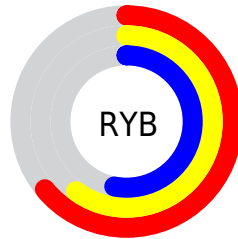
The Yxy color $30.5375, 0.3418, 0.3458$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $30.6807, 0.2867, 0.3116$, and the grayscale version is $30.8975, 0.3127, 0.3290$.

A 20% lighter version of the original color is $60.5075, 0.3359, 0.3428$, and $12.4824, 0.3526, 0.3508$ is the 20% darker color. If you saturate the color by 10%, you get $27.1484, 0.3626, 0.3563$, and if you desaturate by 10%, it is $34.2678, 0.3239, 0.3358$.

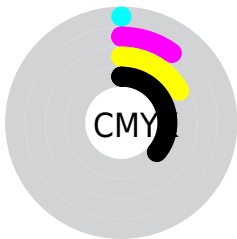
Distribution



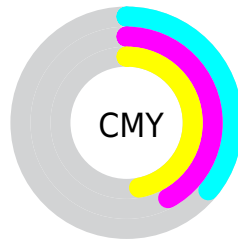
- Red (64%)
- Green (58%)
- Blue (53%)



- Red (64%)
- Yellow (60%)
- Blue (53%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (36%)





- Cyan (36%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5375, 0.3418, 0.3458 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 30.5375, 0.3418, 0.3458 by changing the saturation by 10% instead.

 30.5375, 0.3418,
0.3458


 30.5375, 0.3418,
0.3458


304.4019, 0.3262,
0.3370

 20.2469, 0.3461,
0.3482


 60.5112, 0.3358,
0.3425

 12.5747, 0.3519,
0.3513


 80.9631, 0.3337,
0.3413

 7.1363, 0.3601,
0.3556


 105.5708, 0.3319,
0.3402

 3.5475, 0.3727,
0.3620

134.7189, 0.3304,
0.3394

 1.4238, 0.3942,
0.3724

168.7916, 0.3291,
0.3386

 0.2342, 0.5854,
0.4146


208.1735, 0.3280,


 0.0000, 0.0000,


0.3380


0.0000

253.2487, 0.3270,
0.3374


 30.5375, 0.3418,
0.3458

 30.5375, 0.3418,
0.3458


 27.1484, 0.3626,
0.3563


 34.2678, 0.3239,
0.3358


 24.0865, 0.3865,
0.3669

 38.3448, 0.3085,
0.3263


 21.3427, 0.4135,
0.3771

 42.7789, 0.2952,
0.3176

 18.9058, 0.4432,
0.3860

 47.5789, 0.2839,
0.3095

 16.7642, 0.4749,
0.3926

 52.7532, 0.2741,
0.3022

■ 14.9049, 0.5068,
0.3957

■ 58.3099, 0.2657,
0.2954

■ 13.3141, 0.5367,
0.3942

■ 64.2570, 0.2584,
0.2893

■ 11.9744, 0.5625,
0.3878

■ 69.7934, 0.2579,
0.2965

■ 11.6244, 0.5699,
0.3857

■ 75.3740, 0.2595,
0.3081

Harmonies

Analogous

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



30.5375, 0.3402, 0.3339



30.5375, 0.3418, 0.3458



30.5375, 0.3354, 0.3536

Triad

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



30.5375, 0.3418, 0.3458



30.5375, 0.2945, 0.3368



30.5375, 0.3021, 0.3045

Complementary

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



30.5375, 0.3418, 0.3458



30.6807, 0.2867, 0.3116

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.



30.5375, 0.2903, 0.3048



30.5375, 0.3418, 0.3458



30.5375, 0.2860, 0.3231

Square

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



30.5375, 0.3418, 0.3458



30.5375, 0.3080, 0.3486



30.5375, 0.2844, 0.3114



30.5375, 0.3170, 0.3105

Rectangle

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



30.5375, 0.3418, 0.3458



30.5375, 0.3276, 0.3552



30.5375, 0.2844, 0.3114



30.5375, 0.2976, 0.3039

Sweetspot

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



30.5389, 0.3418, 0.3458



63.6310, 0.3206, 0.3338



27.8020, 0.3258, 0.3031



13.8065, 0.3217, 0.3345



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



30.5389, 0.3418, 0.3458



53.3461, 0.3483, 0.3492



35.0601, 0.3385, 0.3658



7.5223, 0.3276, 0.3379



9.0022, 0.5682, 0.3871



0.2798, 0.5049, 0.4373

Inverse Universe

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



30.6807, 0.2867, 0.3116



53.6451, 0.2817, 0.3079



26.4493, 0.2857, 0.2893



7.5407, 0.2987, 0.3199



9.0517, 0.1881, 0.1972



0.2784, 0.2029, 0.2504

Previews

White Background



This preview shows how the Yxy color 30.5375, 0.3418, 0.3458 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 30.5375, 0.3418, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

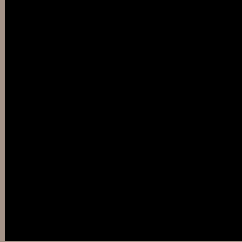
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5375, 0.3418, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 30.5375, 0.3418, 0.3458.



This preview shows how white text looks on a background with the Yxy color 30.5375, 0.3418, 0.3458.

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

30.5375, 0.3418, 0.3458

Protanopia

30.6868, 0.3315, 0.3492

Deuteranopia

30.5744, 0.3489, 0.3425



Tritanopia

30.4201, 0.3251, 0.3128

Trichromacy



Original Color

30.5375, 0.3418, 0.3458

Protanomaly

30.6720, 0.3349, 0.3475

Deuteranomaly

30.6602, 0.3464, 0.3441

Tritanomaly

30.3882, 0.3310, 0.3246

Monochromacy



Original Color

30.5375, 0.3418, 0.3458

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.9559, 0.3227, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5375, 0.3418, 0.3458 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(164, 147, 136)` looks like.

```
.text, #text, p{  
    color:rgb(164, 147, 136)  
}
```

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(164, 147, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 147, 136) }
```

Border

The CSS property to change the border of an element to Yxy 30.5375, 0.3418, 0.3458 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(164, 147, 136) }
```

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

```
.border{ border-color:rgb(164, 147, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 147, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 147, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 147, 136);  
box-shadow:4px 4px 4px 4px rgb(164, 147,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5375, 0.3418, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 147, 136) }
```

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

```
.background{ background-color: rgb(164,  
147, 136) }
```

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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