

Converting Colors

Yxy(38.0334, 0.3123, 0.3195)

Have a look what the booklet for
Yxy(38.0334, 0.3123, 0.3195)
contains.

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Color

Yxy(38.0372, 0.3122, 0.3192)

Conversions

Conversions Part 1	
Format	Color
Hex	AAA4AB
RGB	170, 164, 171
RGB Percent	67%, 64%, 67%
CMY	0.3334, 0.3568, 0.3293
CMYK	0.01, 0.04, 0.00, 0.33
HSL	291°, 4%, 66%
HSV	291°, 4%, 67%
XYZ	37.2031, 38.0372, 43.9239
YIQ	166.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

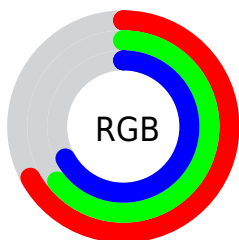
Format	Color
RYB	170, 164, 171
Decimal	11183275
CIELab	68.05, 3.47, -2.87
CIELCh	68, 4.504, 320.454
Yxy	38.0372, 0.3122, 0.3192
Android (android.graphics.Color)	4289373355 (0xFFAAA4AB)
YUV	166.5920, 2.1731, 2.9888
Hunter-Lab	61.6743, -0.2556, 0.9462

Details

The Yxy color $38.0372, 0.3122, 0.3192$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $39.8231, 0.3132, 0.3389$, and the grayscale version is $38.4241, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.1616, 0.3124, 0.3215$, and $16.7718, 0.3120, 0.3154$ is the 20% darker color. If you saturate the color by 10%, you get $32.0415, 0.3107, 0.2945$, and if you desaturate by 10%, it is $44.8649, 0.3134, 0.3426$.

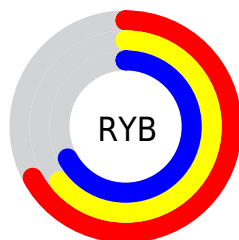
Distribution



Red (67%)

Green (64%)

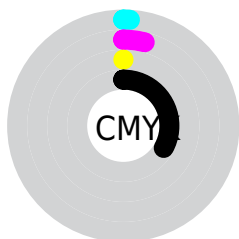
Blue (67%)



Red (67%)

Yellow (64%)

Blue (67%)

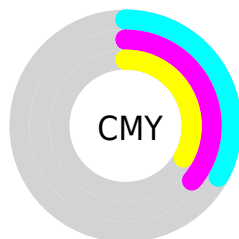


Cyan (1%)

Magenta (4%)

Yellow (0%)

Black (33%)



Cyan (33%)


Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0372, 0.3122, 0.3192 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 38.0372, 0.3122, 0.3192 by changing the saturation by 10% instead.

 38.0372, 0.3122,
0.3192


 38.0372, 0.3122,
0.3192


337.7795, 0.3125,
0.3242

 26.0116, 0.3121,
0.3179


 72.1652, 0.3123,
0.3211

 16.8323, 0.3120,
0.3162

 95.0363, 0.3123,
0.3218

 10.1150, 0.3119,
0.3139


122.2913, 0.3124,
0.3223

 5.4753, 0.3116,
0.3105

154.3147, 0.3124,
0.3228

 2.5287, 0.3112,
0.3053

191.4908, 0.3124,
0.3233

 0.8910, 0.3104,
0.2959

234.2041, 0.3125,

 0.0000, 0.0000,


0.3236


0.0000


282.8388, 0.3125,
0.3240


 38.0372, 0.3122,
0.3192


 38.0372, 0.3122,
0.3192


 32.0415, 0.3107,
0.2945

 44.8649, 0.3134,
0.3426


 26.8404, 0.3088,
0.2691

 52.5505, 0.3142,
0.3646

 22.4005, 0.3065,
0.2436


 61.1250, 0.3148,
0.3848


 18.6844, 0.3038,
0.2187


 70.6161, 0.3153,
0.4033


 15.6517, 0.3007,
0.1956


 81.0506, 0.3155,
0.4202

 13.2575, 0.2973,
0.1752


 84.8113, 0.3166,
0.4249


 11.4521, 0.2937,
0.1583

 85.1320, 0.3182,
0.4245

 10.1780, 0.2898,
0.1457

 85.4584, 0.3198,
0.4240

 9.3660, 0.2860,
0.1374

 85.7906, 0.3213,
0.4235

Harmonies

Analogous

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



38.0372, 0.3057, 0.3175



38.0372, 0.3122, 0.3192



38.0372, 0.3189, 0.3235

Triad

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



38.0372, 0.3122, 0.3192



38.0372, 0.3244, 0.3392



38.0372, 0.3016, 0.3287

Complementary

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



38.0372, 0.3122, 0.3192



39.8231, 0.3132, 0.3389

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.



38.0372, 0.3065, 0.3347



38.0372, 0.3122, 0.3192



38.0372, 0.3197, 0.3408

Square

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



38.0372, 0.3122, 0.3192



38.0372, 0.3260, 0.3349



38.0372, 0.3131, 0.3391



38.0372, 0.2997, 0.3229

Rectangle

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



38.0372, 0.3122, 0.3192



38.0372, 0.3225, 0.3272



38.0372, 0.3131, 0.3391



38.0372, 0.3030, 0.3308

Sweetspot

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



38.0388, 0.3122, 0.3192



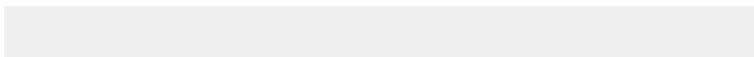
71.7128, 0.3126, 0.3266



37.7666, 0.3066, 0.3205



16.0071, 0.3126, 0.3267



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.



38.0388, 0.3122, 0.3192



66.9802, 0.3121, 0.3168



38.0631, 0.3153, 0.3226



8.6172, 0.3120, 0.3156



6.8069, 0.2841, 0.1339



0.2055, 0.2960, 0.1404

Inverse Universe

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



37.9332, 0.3184, 0.3275



66.7483, 0.3198, 0.3272



39.8009, 0.3102, 0.3354



8.5843, 0.3206, 0.3270



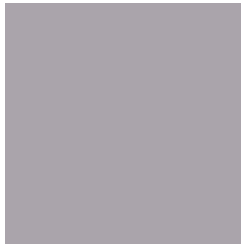
6.5864, 0.6166, 0.3171



0.1891, 0.5494, 0.2800

Previews

White Background



This preview shows how the Yxy color 38.0372, 0.3122, 0.3192 looks on a white background.

Color Contrast Check

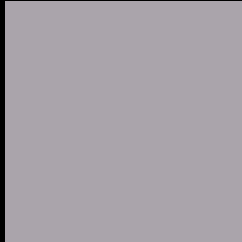
Large Text (above 18pt) WCAG AA × Fail

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 38.0372, 0.3122, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

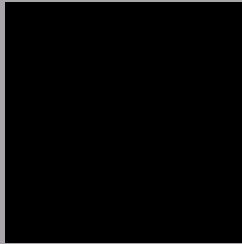
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

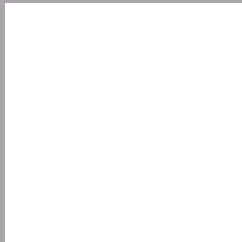
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.0372, 0.3122, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 38.0372, 0.3122, 0.3192.



This preview shows how white text looks on a background with the Yxy color 38.0372, 0.3122, 0.3192.

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

38.0372, 0.3122, 0.3192

Protanopia

38.1043, 0.3086, 0.3192

Deuteranopia

38.0520, 0.3201, 0.3141



Tritanopia

37.9869, 0.3089, 0.3110

Trichromacy



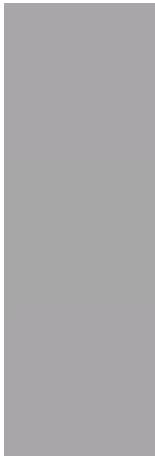
Original Color
38.0372, 0.3122, 0.3192

Protanomaly
38.2137, 0.3095, 0.3192

Deuteranomaly
38.0493, 0.3171, 0.3153

Tritanomaly
37.9083, 0.3106, 0.3137

Monochromacy



Original Color
38.0372, 0.3122, 0.3192

Achromatopsia
38.6429, 0.3127, 0.3290

Achromatomaly
38.4244, 0.3128, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0372, 0.3122, 0.3192 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(170, 164, 171) looks like.

```
.text, #text, p{  
    color:rgb(170, 164, 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(170, 164, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 164, 171) }
```

Border

The CSS property to change the border of an element to Yxy 38.0372, 0.3122, 0.3192 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(170, 164, 171) }
```

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

```
.border{ border-color:rgb(170, 164, 171) }
```

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

Here you see how a box with a 4 pixel rgb(170, 164, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 164, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 164, 171);  
box-shadow:4px 4px 4px 4px rgb(170, 164,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0372, 0.3122, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 164, 171) }
```

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

```
.background{ background-color: rgb(170,  
164, 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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