

Converting Colors

$Yxy(40.7494, 0.3033, 0.3244)$

Have a look what the booklet for
Yxy(40.7494, 0.3033, 0.3244)
contains.

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Color

Yxy(40.6390, 0.3033, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	A5ACB0
RGB	165, 172, 176
RGB Percent	65%, 67%, 69%
CMY	0.3528, 0.3255, 0.3098
CMYK	0.06, 0.02, 0.00, 0.31
HSL	202°, 6%, 67%
HSV	202°, 6%, 69%
XYZ	38.1132, 40.6390, 46.9095
YIQ	170.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

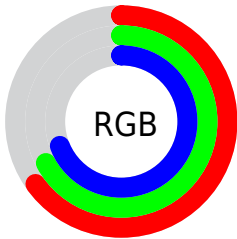
Format	Color
RYB	165, 169, 176
Decimal	10857648
CIELab	69.92, -1.65, -2.91
CIELCh	70, 3.345, 240.508
Yxy	40.6390, 0.3033, 0.3234
Android (android.graphics.Color)	4289047728 (0xFFA5ACB0)
YUV	170.3630, 2.7790, -4.7034
Hunter-Lab	63.7487, -4.8412, 0.9955

Details

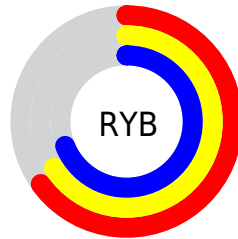
The Yxy color $40.6390, 0.3033, 0.3234$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $40.3460, 0.3225, 0.3345$, and the grayscale version is $40.3811, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.9800, 0.3048, 0.3236$, and $18.3989, 0.2997, 0.3212$ is the 20% darker color. If you saturate the color by 10%, you get $36.4874, 0.2880, 0.3136$, and if you desaturate by 10%, it is $45.1727, 0.3184, 0.3322$.

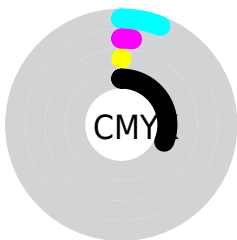
Distribution



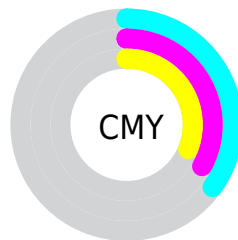
- Red (65%)
- Green (67%)
- Blue (69%)



- Red (65%)
- Yellow (66%)
- Blue (69%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (31%)





- Cyan (35%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6390, 0.3033, 0.3234 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 40.6390, 0.3033, 0.3234 by changing the saturation by 10% instead.


 40.6390, 0.3033,
0.3234


 40.6390, 0.3033,
0.3234


348.8096, 0.3081,
0.3263

 28.0371, 0.3021,
0.3227


 76.1356, 0.3051,
0.3245

 18.3536, 0.3005,
0.3217


 99.7991, 0.3057,
0.3249

 11.2042, 0.2983,
0.3203


127.9185, 0.3063,
0.3252

 6.2043, 0.2952,
0.3184

160.8784, 0.3068,
0.3255

 2.9697, 0.2904,
0.3154

199.0630, 0.3072,
0.3257

 1.1159, 0.2819,
0.3101

242.8568, 0.3075,

 0.0000, 0.0000,

0.3259

0.0000

292.6442, 0.3078,
0.3261

■ 40.6390, 0.3033,
0.3234

■ 40.6390, 0.3033,
0.3234

■ 36.4874, 0.2880,
0.3136

■ 45.1727, 0.3184,
0.3322

■ 32.7006, 0.2726,
0.3029

■ 50.0949, 0.3330,
0.3401

■ 29.2673, 0.2575,
0.2912

■ 55.4184, 0.3470,
0.3471

■ 26.1737, 0.2431,
0.2787

■ 61.1536, 0.3603,
0.3532

■ 23.4047, 0.2296,
0.2654

■ 67.3108, 0.3730,
0.3586

■ 20.9441, 0.2175,
0.2517

■ 70.8099, 0.3725,
0.3649

■ 18.7735, 0.2072,
0.2377

■ 74.0689, 0.3706,
0.3713

■ 16.8720, 0.1988,
0.2238

■ 77.4576, 0.3686,
0.3776

■ 15.2125, 0.1924,
0.2100

■ 80.9775, 0.3667,
0.3838

Harmonies

Analogous

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



40.6390, 0.3039, 0.3273



40.6390, 0.3033, 0.3234



40.6390, 0.3052, 0.3210

Triad

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



40.6390, 0.3033, 0.3234



40.6390, 0.3186, 0.3263



40.6390, 0.3163, 0.3374

Complementary

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



40.6390, 0.3033, 0.3234



40.3460, 0.3225, 0.3345

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.



40.6390, 0.3203, 0.3370



40.6390, 0.3033, 0.3234



40.6390, 0.3216, 0.3306

Square

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



40.6390, 0.3033, 0.3234



40.6390, 0.3140, 0.3227



40.6390, 0.3222, 0.3345



40.6390, 0.3114, 0.3354

Rectangle

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



40.6390, 0.3033, 0.3234



40.6390, 0.3076, 0.3206



40.6390, 0.3222, 0.3345



40.6390, 0.3178, 0.3375

Sweetspot

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



40.6407, 0.3033, 0.3234



77.0658, 0.3097, 0.3272



41.9156, 0.3089, 0.3389



16.7210, 0.3098, 0.3273



89.0005, 0.3127, 0.3290



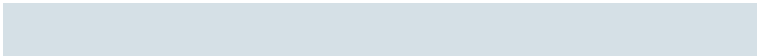
17.0645, 0.3127, 0.3290

Same Dimension

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



40.6407, 0.3033, 0.3234



73.0030, 0.3019, 0.3226



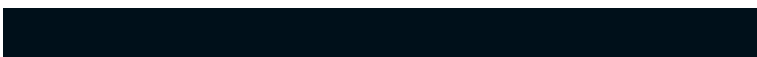
38.6633, 0.3034, 0.3160



9.2819, 0.3014, 0.3222



10.8470, 0.1907, 0.2063



0.4478, 0.2013, 0.2445

Inverse Universe

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



39.1359, 0.3169, 0.3195



69.9092, 0.3175, 0.3181



42.3592, 0.3219, 0.3417



8.8696, 0.3178, 0.3176



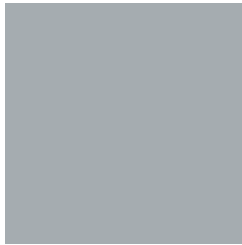
7.6351, 0.4382, 0.2188



0.2510, 0.3977, 0.1965

Previews

White Background



This preview shows how the Yxy color 40.6390, 0.3033, 0.3234 looks on a white background.

Color Contrast Check

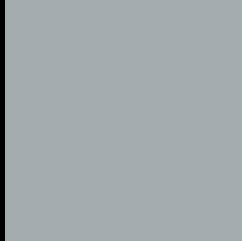
Large Text (above 18pt) WCAG AA × Fail

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 40.6390, 0.3033, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

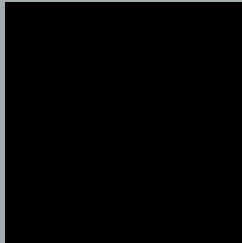
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

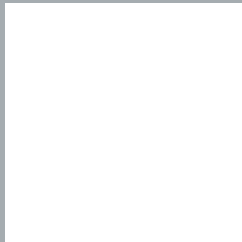
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.6390, 0.3033, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 40.6390, 0.3033, 0.3234.



This preview shows how white text looks on a background with the Yxy color 40.6390, 0.3033, 0.3234.

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

40.6390, 0.3033, 0.3234

Protanopia

40.7288, 0.3112, 0.3222

Deuteranopia

40.6371, 0.3199, 0.3144



Tritanopia

40.6935, 0.2977, 0.3112

Trichromacy



Original Color

40.6390, 0.3033, 0.3234

Protanomaly

40.7670, 0.3085, 0.3235

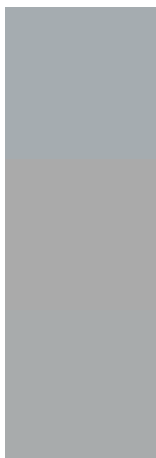
Deuteranomaly

40.5267, 0.3133, 0.3169

Tritanomaly

40.5690, 0.3001, 0.3152

Monochromacy



Original Color

40.6390, 0.3033, 0.3234

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.4292, 0.3092, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6390, 0.3033, 0.3234 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(165, 172, 176)` looks like.

```
.text, #text, p{  
    color:rgb(165, 172, 176)  
}
```

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(165, 172, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 172, 176) }
```

Border

The CSS property to change the border of an element to Yxy 40.6390, 0.3033, 0.3234 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(165, 172, 176) }
```

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

```
.border{ border-color:rgb(165, 172, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 172, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 172, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 172, 176);  
box-shadow:4px 4px 4px 4px rgb(165, 172,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6390, 0.3033, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 172, 176) }
```

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

```
.background{ background-color: rgb(165,  
172, 176) }
```

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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