

Converting Colors

$Yxy(40.0751, 0.2948, 0.3336)$

Have a look what the booklet for
Yxy(40.0751, 0.2948, 0.3336)
contains.

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Color

Yxy(40.1795, 0.2953, 0.3347)

Conversions

Conversions Part 1

Format	Color
Hex	97AFAB
RGB	151, 175, 171
RGB Percent	59%, 69%, 67%
CMY	0.4077, 0.3138, 0.3294
CMYK	0.14, 0.00, 0.02, 0.31
HSL	170°, 13%, 64%
HSV	170°, 14%, 69%
XYZ	35.4497, 40.1795, 44.4171
YIQ	167.3680, -13.0200, -6.3320

Conversions

Conversions Part 2

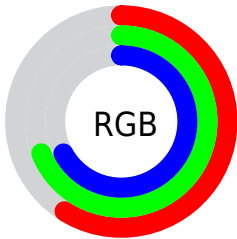
Format	Color
RYB	151, 164, 175
Decimal	9940907
CIELab	69.60, -9.04, -0.75
CIELCh	70, 9.074, 184.728
Yxy	40.1795, 0.2953, 0.3347
Android (android.graphics.Color)	4288130987 (0xFF97AFAB)
YUV	167.3680, 1.7906, -14.3547
Hunter-Lab	63.3873, -11.1007, 2.8251

Details

The Yxy color $40.1795, 0.2953, 0.3347$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $33.6290, 0.3334, 0.3234$, and the grayscale version is $38.8328, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.6220, 0.2985, 0.3345$, and $18.2072, 0.2901, 0.3371$ is the 20% darker color. If you saturate the color by 10%, you get $38.5187, 0.2834, 0.3393$, and if you desaturate by 10%, it is $42.0946, 0.3079, 0.3305$.

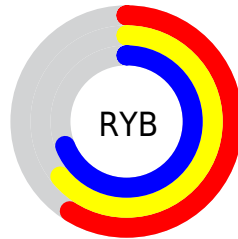
Distribution



Red (59%)

Green (69%)

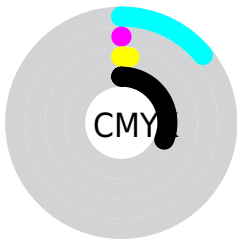
Blue (67%)



Red (59%)

Yellow (64%)

Blue (69%)

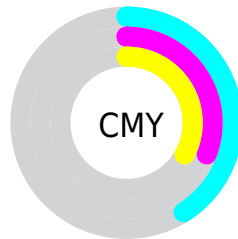


Cyan (14%)

Magenta (0%)

Yellow (2%)

Black (31%)



Cyan (41%)


Magenta (31%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1795, 0.2953, 0.3347 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 40.1795, 0.2953, 0.3347 by changing the saturation by 10% instead.


 40.1795, 0.2953,
0.3347


 40.1795, 0.2953,
0.3347

346.8796, 0.3042,
0.3318

 27.6785, 0.2930,
0.3354

 75.4368, 0.2986,
0.3336

 18.0835, 0.2900,
0.3364


 98.9619, 0.2998,
0.3332

 11.0099, 0.2860,
0.3377


126.9304, 0.3008,
0.3329

 6.0735, 0.2802,
0.3395

159.7269, 0.3017,
0.3326

 2.8898, 0.2712,
0.3423

197.7357, 0.3025,
0.3324

 1.0745, 0.2550,
0.3473

241.3411, 0.3031,

 0.0000, 0.0000,

0.3322

0.0000

290.9276, 0.3037,
0.3320

■ 40.1795, 0.2953,
0.3347

■ 40.1795, 0.2953,
0.3347

■ 38.5187, 0.2834,
0.3393

■ 42.0946, 0.3079,
0.3305

■ 37.0963, 0.2724,
0.3443

■ 44.2693, 0.3210,
0.3266

■ 35.9023, 0.2626,
0.3496

■ 46.7149, 0.3343,
0.3232

■ 34.9239, 0.2544,
0.3552

■ 49.4407, 0.3475,
0.3201

■ 34.1470, 0.2479,
0.3610

■ 52.4552, 0.3606,
0.3174

■ 33.5562, 0.2432,
0.3668

■ 55.5688, 0.3725,
0.3150

■ 33.1334, 0.2405,
0.3727

■ 55.6962, 0.3698,
0.3120

■ 32.8570, 0.2395,
0.3786

■ 55.8261, 0.3672,
0.3090

■ 32.7278, 0.2395,
0.3823

■ 55.9586, 0.3646,
0.3060

Harmonies

Analogous

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



40.1795, 0.3070, 0.3456



40.1795, 0.2953, 0.3347



40.1795, 0.2883, 0.3224

Triad

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



40.1795, 0.2953, 0.3347



40.1795, 0.3046, 0.3074



40.1795, 0.3384, 0.3451

Complementary

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



40.1795, 0.2953, 0.3347



33.6290, 0.3334, 0.3234

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.



40.1795, 0.3378, 0.3347



40.1795, 0.2953, 0.3347



40.1795, 0.3181, 0.3133

Square

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



40.1795, 0.2953, 0.3347



40.1795, 0.2935, 0.3070



40.1795, 0.3303, 0.3232



40.1795, 0.3320, 0.3514

Rectangle

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



40.1795, 0.2953, 0.3347



40.1795, 0.2871, 0.3153



40.1795, 0.3303, 0.3232



40.1795, 0.3390, 0.3419

Sweetspot

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



40.1812, 0.2953, 0.3347



75.2567, 0.3074, 0.3306



39.8651, 0.3146, 0.3641



16.6668, 0.3065, 0.3309



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.



40.1812, 0.2953, 0.3347



71.1557, 0.2921, 0.3359



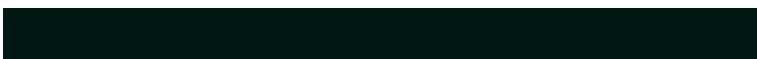
37.3199, 0.2919, 0.3174



9.0488, 0.3008, 0.3328



23.4475, 0.2393, 0.3816



0.6583, 0.2344, 0.3639

Inverse Universe

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



33.6290, 0.3334, 0.3234



57.4434, 0.3381, 0.3223



36.1550, 0.3358, 0.3404



8.0363, 0.3261, 0.3252



6.5972, 0.6126, 0.3149



0.1899, 0.5409, 0.2754

Previews

White Background



This preview shows how the Yxy color 40.1795, 0.2953, 0.3347 looks on a white background.

Color Contrast Check

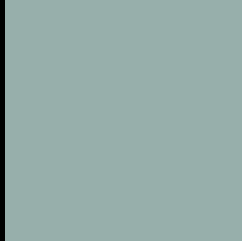
Large Text (above 18pt) WCAG AA × Fail

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 40.1795, 0.2953, 0.3347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

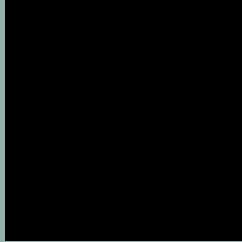
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

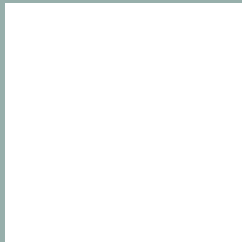
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.1795, 0.2953, 0.3347

Background



This preview shows how black text looks on a background with the Yxy color 40.1795, 0.2953, 0.3347.



This preview shows how white text looks on a background with the Yxy color 40.1795, 0.2953, 0.3347.

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

40.1795, 0.2953, 0.3347

Protanopia

40.0873, 0.3172, 0.3304

Deuteranopia

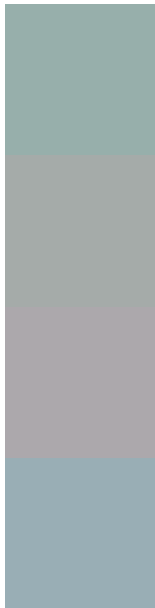
39.7584, 0.3236, 0.3170



Tritanopia

40.3023, 0.2863, 0.3107

Trichromacy



Original Color

40.1795, 0.2953, 0.3347

Protanomaly

39.9897, 0.3090, 0.3318

Deuteranomaly

39.7545, 0.3130, 0.3235

Tritanomaly

40.3806, 0.2893, 0.3190

Monochromacy



Original Color

40.1795, 0.2953, 0.3347

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.1537, 0.3063, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1795, 0.2953, 0.3347 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(151, 175, 171)` looks like.

```
.text, #text, p{  
    color:rgb(151, 175, 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(151, 175, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 175, 171) }
```

Border

The CSS property to change the border of an element to Yxy 40.1795, 0.2953, 0.3347 is called "border". The border property can be set on classes, ids or directly on the HTML element.

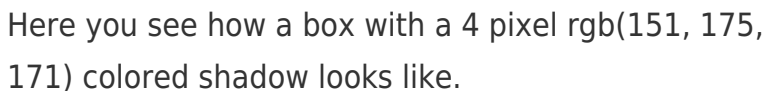
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 175, 171) }
```

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

```
.border{ border-color:rgb(151, 175, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 175, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 175, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 175, 171); box-shadow:4px 4px 4px 4px rgb(151, 175, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1795, 0.2953, 0.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 175, 171) }
```

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

```
.background{ background-color: rgb(151,  
175, 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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