

Converting Colors

Yxy(44.1782, 0.3019, 0.3457)

Have a look what the booklet for
Yxy(44.1782, 0.3019, 0.3457)
contains.

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Color

Yxy(44.1782, 0.3019, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	9FB7AB
RGB	159, 183, 171
RGB Percent	62%, 72%, 67%
CMY	0.3766, 0.2823, 0.3293
CMYK	0.13, 0.00, 0.07, 0.28
HSL	150°, 14%, 67%
HSV	150°, 13%, 72%
XYZ	38.5808, 44.1782, 45.0344
YIQ	174.4560, -10.4520, -8.8200

Conversions

Conversions Part 2

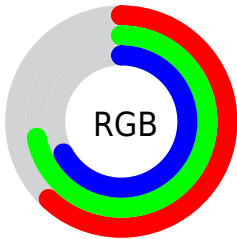
Format	Color
RYB	159, 175, 183
Decimal	10467243
CIELab	72.35, -10.60, 3.31
CIELCh	72, 11.103, 162.656
Yxy	44.1782, 0.3019, 0.3457
Android (android.graphics.Color)	4288657323 (0xFF9FB7AB)
YUV	174.4560, -1.7038, -13.5549
Hunter-Lab	66.4667, -12.7057, 6.3548

Details

The Yxy color $44.1782, 0.3019, 0.3457$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $37.7959, 0.3251, 0.3129$, and the grayscale version is $42.5870, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.5201, 0.3042, 0.3429$, and $20.4230, 0.2982, 0.3504$ is the 20% darker color. If you saturate the color by 10%, you get $42.1097, 0.2940, 0.3601$, and if you desaturate by 10%, it is $46.5515, 0.3101, 0.3328$.

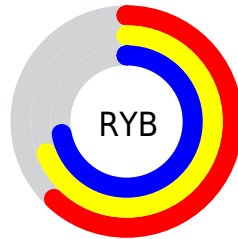
Distribution



Red (62%)

Green (72%)

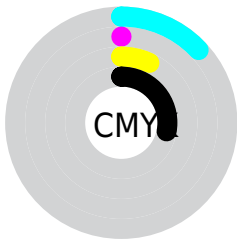
Blue (67%)



Red (62%)

Yellow (69%)

Blue (72%)

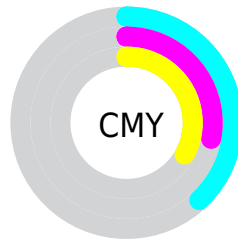


Cyan (13%)

Magenta (0%)

Yellow (7%)

Black (28%)



Cyan (38%)


Magenta (28%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1782, 0.3019, 0.3457 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 44.1782, 0.3019, 0.3457 by changing the saturation by 10% instead.

 44.1782, 0.3019,
0.3457


 44.1782, 0.3019,
0.3457


363.4350, 0.3074,
0.3372

 30.8106, 0.3005,
0.3479


 81.4858, 0.3039,
0.3426

 20.4547, 0.2987,
0.3507


 106.1947, 0.3047,
0.3414

 12.7260, 0.2962,
0.3546


135.4527, 0.3053,
0.3404

 7.2401, 0.2927,
0.3601

169.6444, 0.3059,
0.3396

 3.6127, 0.2872,
0.3687

209.1540, 0.3063,
0.3389

 1.4594, 0.2778,
0.3837

254.3661, 0.3067,

 0.2599, 0.0000,

0.3382

0.8345

305.6649, 0.3071,
0.3377

0.0000, 0.0000,
0.0000

44.1782, 0.3019,
0.3457

44.1782, 0.3019,
0.3457

42.1097, 0.2940,
0.3601

46.5515, 0.3101,
0.3328

40.3277, 0.2866,
0.3759

49.2357, 0.3184,
0.3212

38.8206, 0.2801,
0.3931

52.2440, 0.3267,
0.3110

37.5738, 0.2747,
0.4113

55.5870, 0.3347,
0.3020

36.5711, 0.2708,
0.4304

59.2749, 0.3425,
0.2942

■ 35.7947, 0.2687,
0.4499

■ 60.6087, 0.3387,
0.2856

■ 35.2241, 0.2685,
0.4692

■ 61.1225, 0.3314,
0.2769

■ 34.8347, 0.2703,
0.4879

■ 61.6633, 0.3243,
0.2684

■ 34.6385, 0.2723,
0.5001

■ 62.2315, 0.3174,
0.2601

Harmonies

Analogous

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



44.1782, 0.3177, 0.3548



44.1782, 0.3019, 0.3457



44.1782, 0.2892, 0.3318

Triad

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



44.1782, 0.3019, 0.3457



44.1782, 0.2930, 0.3024



44.1782, 0.3436, 0.3392

Complementary

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



44.1782, 0.3019, 0.3457



37.7959, 0.3251, 0.3129

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.



44.1782, 0.3366, 0.3256



44.1782, 0.3019, 0.3457



44.1782, 0.3072, 0.3047

Square

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



44.1782, 0.3019, 0.3457



44.1782, 0.2842, 0.3069



44.1782, 0.3232, 0.3131



44.1782, 0.3420, 0.3506

Rectangle

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



44.1782, 0.3019, 0.3457



44.1782, 0.2842, 0.3221



44.1782, 0.3232, 0.3131



44.1782, 0.3422, 0.3347

Sweetspot

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



44.1801, 0.3019, 0.3457



82.9445, 0.3093, 0.3339



45.0296, 0.3214, 0.3620



18.2459, 0.3087, 0.3348



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



44.1801, 0.3019, 0.3457



77.8996, 0.2994, 0.3501



44.6580, 0.2930, 0.3289



10.1332, 0.3050, 0.3406



24.1761, 0.2717, 0.4981



0.8648, 0.2585, 0.4505

Inverse Universe

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



37.7959, 0.3251, 0.3129



64.0406, 0.3285, 0.3089



37.3596, 0.3363, 0.3291



9.0849, 0.3212, 0.3177



7.5669, 0.4937, 0.2494



0.2793, 0.4377, 0.2185

Previews

White Background



This preview shows how the Yxy color 44.1782, 0.3019, 0.3457 looks on a white background.

Color Contrast Check

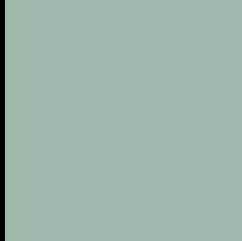
Large Text (above 18pt) WCAG AA × Fail

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 44.1782, 0.3019, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

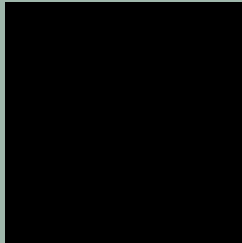
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

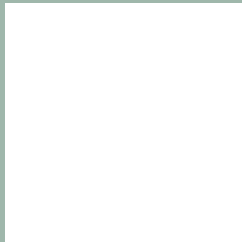
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1782, 0.3019, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 44.1782, 0.3019, 0.3457.



This preview shows how white text looks on a background with the Yxy color 44.1782, 0.3019, 0.3457.

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

44.1782, 0.3019, 0.3457

Protanopia

43.9080, 0.3264, 0.3410

Deuteranopia

43.7451, 0.3330, 0.3265



Tritanopia

44.3241, 0.2880, 0.3101

Trichromacy



Original Color

44.1782, 0.3019, 0.3457

Protanomaly

44.0660, 0.3172, 0.3439

Deuteranomaly

43.5836, 0.3214, 0.3330

Tritanomaly

44.2743, 0.2931, 0.3221

Monochromacy



Original Color

44.1782, 0.3019, 0.3457

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.8964, 0.3090, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1782, 0.3019, 0.3457 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(159, 183, 171)` looks like.

```
.text, #text, p{  
    color:rgb(159, 183, 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(159, 183, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 183, 171) }
```

Border

The CSS property to change the border of an element to Yxy 44.1782, 0.3019, 0.3457 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(159, 183, 171) }
```

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

```
.border{ border-color:rgb(159, 183, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 183, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 183, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 183, 171);  
box-shadow:4px 4px 4px 4px rgb(159, 183,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1782, 0.3019, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 183, 171) }
```

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

```
.background{ background-color: rgb(159,  
183, 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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