

Converting Colors

$Yxy(43.1714, 0.3000, 0.3425)$

Have a look what the booklet for
Yxy(43.1714, 0.3000, 0.3425)
contains.

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Color

Yxy(43.1561, 0.3003, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	9DB5AB
RGB	157, 181, 171
RGB Percent	62%, 71%, 67%
CMY	0.3842, 0.2902, 0.3293
CMYK	0.13, 0.00, 0.06, 0.29
HSL	155°, 14%, 66%
HSV	155°, 13%, 71%
XYZ	37.7836, 43.1561, 44.8798
YIQ	172.6840, -11.0940, -8.1980

Conversions

Conversions Part 2

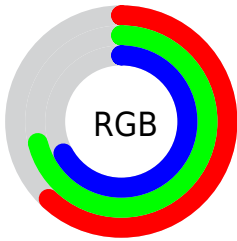
Format	Color
RYB	157, 172, 181
Decimal	10335659
CIELab	71.66, -10.21, 2.30
CIElCh	72, 10.462, 167.318
Yxy	43.1561, 0.3003, 0.3430
Android (android.graphics.Color)	4288525739 (0xFF9DB5AB)
YUV	172.6840, -0.8302, -13.7549
Hunter-Lab	65.6933, -12.2987, 5.4800

Details

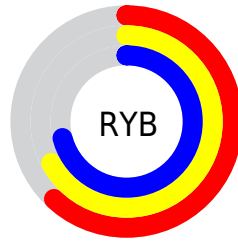
The Yxy color $43.1561, 0.3003, 0.3430$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $36.7331, 0.3271, 0.3154$, and the grayscale version is $41.6315, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.0564, 0.3030, 0.3409$, and $19.7735, 0.2959, 0.3467$ is the 20% darker color. If you saturate the color by 10%, you get $41.1910, 0.2913, 0.3549$, and if you desaturate by 10%, it is $45.4109, 0.3096, 0.3322$.

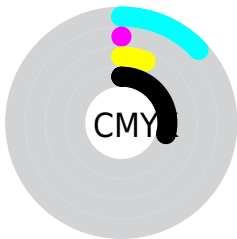
Distribution



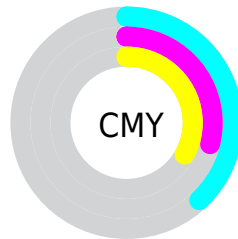
- Red (62%)
- Green (71%)
- Blue (67%)



- Red (62%)
- Yellow (67%)
- Blue (71%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (29%)





- Cyan (38%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1561, 0.3003, 0.3430 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 43.1561, 0.3003, 0.3430 by changing the saturation by 10% instead.


 43.1561, 0.3003,
0.3430


 43.1561, 0.3003,
0.3430


359.2533, 0.3066,
0.3359

 30.0076, 0.2987,
0.3448


 79.9464, 0.3026,
0.3404

 19.8444, 0.2966,
0.3472


 104.3569, 0.3035,
0.3394

 12.2820, 0.2937,
0.3505


133.2903, 0.3042,
0.3386

 6.9360, 0.2897,
0.3551

167.1309, 0.3048,
0.3379

 3.4221, 0.2835,
0.3624

206.2631, 0.3054,
0.3373

 1.3559, 0.2726,
0.3751

251.0713, 0.3058,

 0.1839, 0.0000,

0.3367

0.8227

301.9399, 0.3063,
0.3363

0.0000, 0.0000,
0.0000

43.1561, 0.3003,
0.3430

43.1561, 0.3003,
0.3430

41.1910, 0.2913,
0.3549

45.4109, 0.3096,
0.3322

39.4981, 0.2830,
0.3680

47.9612, 0.3191,
0.3226

38.0661, 0.2757,
0.3820

50.8197, 0.3286,
0.3141

36.8811, 0.2695,
0.3970

53.9964, 0.3379,
0.3065

35.9276, 0.2650,
0.4127

57.5012, 0.3470,
0.2999

■ 35.1885, 0.2622,
0.4288

■ 59.2738, 0.3469,
0.2930

■ 34.6439, 0.2615,
0.4449

■ 59.6724, 0.3407,
0.2856

■ 34.2703, 0.2627,
0.4607

■ 60.0891, 0.3345,
0.2784

■ 34.0820, 0.2642,
0.4712

■ 60.5241, 0.3286,
0.2713

Harmonies

Analogous

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



43.1561, 0.3151, 0.3526



43.1561, 0.3003, 0.3430



43.1561, 0.2890, 0.3295

Triad

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



43.1561, 0.3003, 0.3430



43.1561, 0.2958, 0.3036



43.1561, 0.3423, 0.3406

Complementary

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



43.1561, 0.3003, 0.3430



36.7331, 0.3271, 0.3154

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.



43.1561, 0.3369, 0.3278



43.1561, 0.3003, 0.3430



43.1561, 0.3098, 0.3068

Square

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



43.1561, 0.3003, 0.3430



43.1561, 0.2865, 0.3069



43.1561, 0.3249, 0.3156



43.1561, 0.3395, 0.3508

Rectangle

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



43.1561, 0.3003, 0.3430



43.1561, 0.2849, 0.3204



43.1561, 0.3249, 0.3156



43.1561, 0.3414, 0.3365

Sweetspot

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



43.1579, 0.3003, 0.3430



80.9827, 0.3089, 0.3331



43.6981, 0.3198, 0.3625



17.4350, 0.3082, 0.3339



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



43.1579, 0.3003, 0.3430



76.1810, 0.2975, 0.3465



42.7458, 0.2928, 0.3262



9.5706, 0.3039, 0.3386



23.5103, 0.2637, 0.4693



0.7510, 0.2516, 0.4256

Inverse Universe

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



36.7331, 0.3271, 0.3154



62.3431, 0.3309, 0.3122



37.0603, 0.3362, 0.3318



8.5619, 0.3224, 0.3196



7.1381, 0.5279, 0.2682



0.2363, 0.4563, 0.2287

Previews

White Background



This preview shows how the Yxy color 43.1561, 0.3003, 0.3430 looks on a white background.

Color Contrast Check

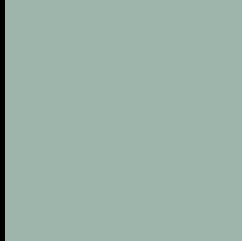
Large Text (above 18pt) WCAG AA × Fail

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 43.1561, 0.3003, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

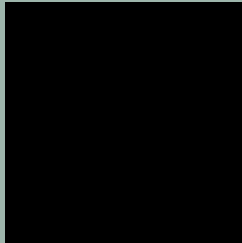
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

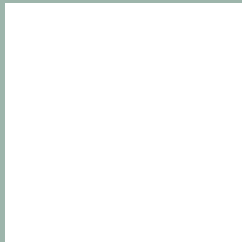
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1561, 0.3003, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 43.1561, 0.3003, 0.3430.



This preview shows how white text looks on a background with the Yxy color 43.1561, 0.3003, 0.3430.

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

43.1561, 0.3003, 0.3430

Protanopia

43.1533, 0.3238, 0.3398

Deuteranopia

43.1040, 0.3313, 0.3252



Tritanopia

43.2236, 0.2878, 0.3100

Trichromacy



Original Color

43.1561, 0.3003, 0.3430

Protanomaly

43.0421, 0.3156, 0.3413

Deuteranomaly

42.9540, 0.3197, 0.3317

Tritanomaly

43.1745, 0.2929, 0.3221

Monochromacy



Original Color

43.1561, 0.3003, 0.3430

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.2447, 0.3081, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1561, 0.3003, 0.3430 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(157, 181, 171)` looks like.

```
.text, #text, p{  
    color:rgb(157, 181, 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(157, 181, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 181, 171) }
```

Border

The CSS property to change the border of an element to Yxy 43.1561, 0.3003, 0.3430 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(157, 181, 171) }
```

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

```
.border{ border-color:rgb(157, 181, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 181, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 181, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 181, 171);  
box-shadow:4px 4px 4px 4px rgb(157, 181,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1561, 0.3003, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 181, 171) }
```

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

```
.background{ background-color: rgb(157,  
181, 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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