

Converting Colors

$Yxy(42.2040, 0.3019, 0.3451)$

Have a look what the booklet for
Yxy(42.2040, 0.3019, 0.3451)
contains.

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Color

Yxy(42.1353, 0.3018, 0.3446)

Conversions

Conversions Part 1

Format	Color
Hex	9CB3A8
RGB	156, 179, 168
RGB Percent	61%, 70%, 66%
CMY	0.3881, 0.2980, 0.3412
CMYK	0.13, 0.00, 0.06, 0.30
HSL	151°, 13%, 66%
HSV	151°, 13%, 70%
XYZ	36.9020, 42.1353, 43.2358
YIQ	170.8690, -10.1770, -8.2970

Conversions

Conversions Part 2

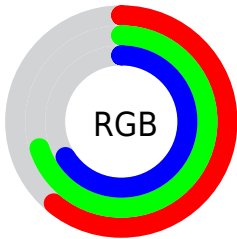
Format	Color
RYB	156, 171, 179
Decimal	10269608
CIELab	70.96, -10.09, 2.94
CIELCh	71, 10.504, 163.770
Yxy	42.1353, 0.3018, 0.3446
Android (android.graphics.Color)	4288459688 (0xFF9CB3A8)
YUV	170.8690, -1.4144, -13.0401
Hunter-Lab	64.9117, -12.1191, 5.9469

Details

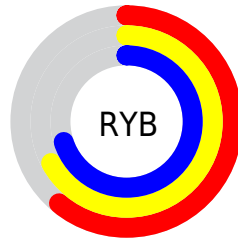
The Yxy color $42.1353, 0.3018, 0.3446$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $36.1595, 0.3252, 0.3139$, and the grayscale version is $40.6695, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.5933, 0.3042, 0.3420$, and $19.1859, 0.2990, 0.3489$ is the 20% darker color. If you saturate the color by 10%, you get $40.1718, 0.2936, 0.3583$, and if you desaturate by 10%, it is $44.3866, 0.3103, 0.3323$.

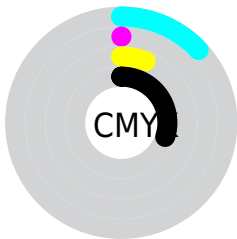
Distribution



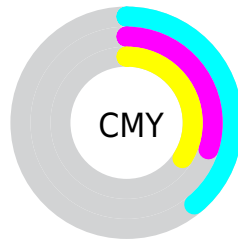
- Red (61%)
- Green (70%)
- Blue (66%)



- Red (61%)
- Yellow (67%)
- Blue (70%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (30%)





- Cyan (39%)
- Magenta (30%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1353, 0.3018, 0.3446 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 42.1353, 0.3018, 0.3446 by changing the saturation by 10% instead.

 42.1353, 0.3018,
0.3446


 42.1353, 0.3018,
0.3446

355.0435, 0.3074,
0.3366

 29.2072, 0.3004,
0.3467


 78.4044, 0.3039,
0.3416

 19.2377, 0.2985,
0.3494

 102.5141, 0.3046,
0.3405

 11.8421, 0.2959,
0.3531


131.1200, 0.3053,
0.3396

 6.6363, 0.2922,
0.3584

164.6062, 0.3058,
0.3388

 3.2357, 0.2865,
0.3668

203.3573, 0.3063,
0.3382

 1.2560, 0.2764,
0.3818

247.7576, 0.3067,

 0.1067, 0.0000,

0.3376

1.0000

298.1916, 0.3071,
0.3370

0.0000, 0.0000,
0.0000

42.1353, 0.3018,
0.3446

42.1353, 0.3018,
0.3446

40.1718, 0.2936,
0.3583

44.3866, 0.3103,
0.3323

38.4788, 0.2860,
0.3734

46.9314, 0.3189,
0.3212

37.0455, 0.2792,
0.3897

49.7821, 0.3274,
0.3115

35.8580, 0.2736,
0.4072

52.9487, 0.3357,
0.3029

34.9012, 0.2695,
0.4254

56.4408, 0.3438,
0.2954

■ 34.1583, 0.2672,
0.4440

■ 58.6346, 0.3445,
0.2878

■ 33.6102, 0.2668,
0.4625

■ 59.0985, 0.3374,
0.2795

■ 33.2337, 0.2684,
0.4806

■ 59.5860, 0.3305,
0.2713

■ 33.0358, 0.2703,
0.4930

■ 60.0974, 0.3238,
0.2634

Harmonies

Analogous

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



42.1353, 0.3169, 0.3536



42.1353, 0.3018, 0.3446



42.1353, 0.2898, 0.3312

Triad

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



42.1353, 0.3018, 0.3446



42.1353, 0.2942, 0.3034



42.1353, 0.3424, 0.3393

Complementary

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



42.1353, 0.3018, 0.3446



36.1595, 0.3252, 0.3139

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.



42.1353, 0.3361, 0.3262



42.1353, 0.3018, 0.3446



42.1353, 0.3080, 0.3059

Square

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



42.1353, 0.3018, 0.3446



42.1353, 0.2855, 0.3075



42.1353, 0.3233, 0.3141



42.1353, 0.3406, 0.3501

Rectangle

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



42.1353, 0.3018, 0.3446



42.1353, 0.2851, 0.3219



42.1353, 0.3233, 0.3141



42.1353, 0.3412, 0.3350

Sweetspot

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



42.1371, 0.3018, 0.3446



78.9722, 0.3092, 0.3337



42.8699, 0.3209, 0.3612



17.4266, 0.3086, 0.3346



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.



42.1371, 0.3018, 0.3446



74.5711, 0.2998, 0.3478



42.4110, 0.2934, 0.3284



9.5616, 0.3048, 0.3401



23.3586, 0.2697, 0.4910



0.7467, 0.2559, 0.4413

Inverse Universe

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



36.1595, 0.3252, 0.3139



62.0567, 0.3279, 0.3109



35.8987, 0.3356, 0.3296



8.5707, 0.3215, 0.3182



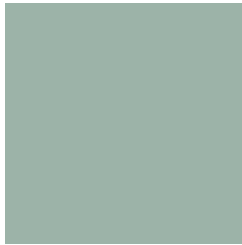
7.2561, 0.5019, 0.2538



0.2401, 0.4387, 0.2190

Previews

White Background



This preview shows how the Yxy color 42.1353, 0.3018, 0.3446 looks on a white background.

Color Contrast Check

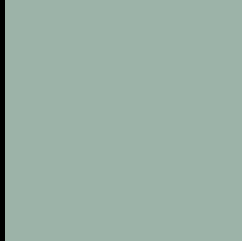
Large Text (above 18pt) WCAG AA × Fail

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 42.1353, 0.3018, 0.3446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

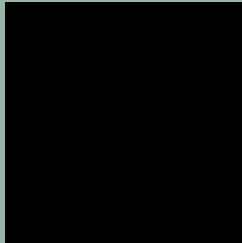
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

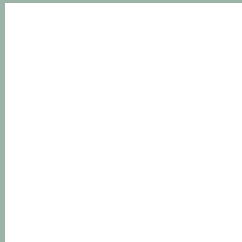
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.1353, 0.3018, 0.3446

Background



This preview shows how black text looks on a background with the Yxy color 42.1353, 0.3018, 0.3446.



This preview shows how white text looks on a background with the Yxy color 42.1353, 0.3018, 0.3446.

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

42.1353, 0.3018, 0.3446

Protanopia

42.1875, 0.3249, 0.3399

Deuteranopia

41.9839, 0.3324, 0.3264



Tritanopia

42.2420, 0.2883, 0.3098

Trichromacy



Original Color

42.1353, 0.3018, 0.3446

Protanomaly

42.0710, 0.3166, 0.3414

Deuteranomaly

41.8346, 0.3207, 0.3331

Tritanomaly

42.1926, 0.2936, 0.3220

Monochromacy



Original Color

42.1353, 0.3018, 0.3446

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.2814, 0.3089, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1353, 0.3018, 0.3446 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(156, 179, 168)` looks like.

```
.text, #text, p{  
    color:rgb(156, 179, 168)  
}
```

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(156, 179, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 179, 168) }
```

Border

The CSS property to change the border of an element to Yxy 42.1353, 0.3018, 0.3446 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(156, 179, 168) }
```

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

```
.border{ border-color:rgb(156, 179, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 179, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 179, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 179, 168); box-shadow:4px 4px 4px 4px rgb(156, 179, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1353, 0.3018, 0.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 179, 168) }
```

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

```
.background{ background-color: rgb(156,  
179, 168) }
```

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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