

Converting Colors

Yxy(44.4632, 0.3046, 0.3408)

Have a look what the booklet for
Yxy(44.4632, 0.3046, 0.3408)
contains.

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Color

Yxy(44.3655, 0.3046, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	A4B6AD
RGB	164, 182, 173
RGB Percent	64%, 71%, 68%
CMY	0.3568, 0.2863, 0.3216
CMYK	0.10, 0.00, 0.05, 0.29
HSL	150°, 11%, 68%
HSV	150°, 10%, 71%
XYZ	39.5833, 44.3655, 46.0029
YIQ	175.5920, -7.8390, -6.6150

Conversions

Conversions Part 2

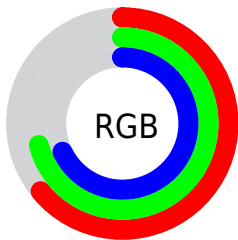
Format	Color
RYB	164, 176, 182
Decimal	10794669
CIELab	72.47, -7.96, 2.46
CIELCh	72, 8.330, 162.792
Yxy	44.3655, 0.3046, 0.3414
Android (android.graphics.Color)	4288984749 (0xFFA4B6AD)
YUV	175.5920, -1.2779, -10.1662
Hunter-Lab	66.6074, -10.4845, 5.6761

Details

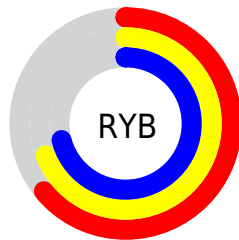
The Yxy color $44.3655, 0.3046, 0.3414$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $39.5248, 0.3217, 0.3169$, and the grayscale version is $43.2050, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.8106, 0.3063, 0.3396$, and $20.5257, 0.3017, 0.3443$ is the 20% darker color. If you saturate the color by 10%, you get $42.2257, 0.2966, 0.3554$, and if you desaturate by 10%, it is $46.8104, 0.3128, 0.3289$.

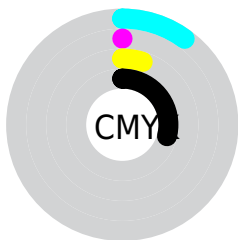
Distribution



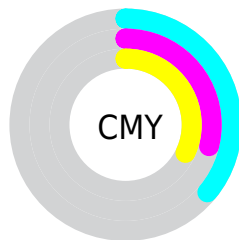
- Red (64%)
- Green (71%)
- Blue (68%)



- Red (64%)
- Yellow (69%)
- Blue (71%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (29%)





- Cyan (36%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3655, 0.3046, 0.3414 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 44.3655, 0.3046, 0.3414 by changing the saturation by 10% instead.

 44.3655, 0.3046,
0.3414


 44.3655, 0.3046,
0.3414

364.1977, 0.3087,
0.3351

 30.9580, 0.3035,
0.3430


 81.7675, 0.3061,
0.3391

 20.5668, 0.3022,
0.3451

 106.5306, 0.3067,
0.3382

 12.8077, 0.3004,
0.3479

135.8478, 0.3072,
0.3375

 7.2963, 0.2977,
0.3520

170.1034, 0.3076,
0.3369

 3.6481, 0.2937,
0.3582

209.6818, 0.3079,
0.3363

 1.4787, 0.2868,
0.3690

254.9674, 0.3082,

 0.2737, 0.1416,

0.3359

0.5882

306.3446, 0.3085,
0.3355

0.0000, 0.0000,
0.0000

44.3655, 0.3046,
0.3414

44.3655, 0.3046,
0.3414

42.2257, 0.2966,
0.3554

46.8104, 0.3128,
0.3289

40.3730, 0.2891,
0.3709

49.5662, 0.3211,
0.3177

38.7964, 0.2822,
0.3877

52.6455, 0.3292,
0.3078

37.4818, 0.2765,
0.4058

56.0589, 0.3371,
0.2992

36.4139, 0.2721,
0.4247

59.8108, 0.3447,
0.2916

■ 35.5755, 0.2694,
0.4442

■ 60.3040, 0.3372,
0.2827

■ 34.9474, 0.2686,
0.4638

■ 60.8240, 0.3299,
0.2740

■ 34.5070, 0.2698,
0.4828

■ 61.3711, 0.3228,
0.2656

■ 34.2088, 0.2725,
0.5009

■ 61.9354, 0.3161,
0.2575

Harmonies

Analogous

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



44.3655, 0.3164, 0.3482



44.3655, 0.3046, 0.3414



44.3655, 0.2951, 0.3311

Triad

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



44.3655, 0.3046, 0.3414



44.3655, 0.2980, 0.3090



44.3655, 0.3358, 0.3368

Complementary

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



44.3655, 0.3046, 0.3414



39.5248, 0.3217, 0.3169

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.



44.3655, 0.3306, 0.3265



44.3655, 0.3046, 0.3414



44.3655, 0.3087, 0.3107

Square

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



44.3655, 0.3046, 0.3414



44.3655, 0.2913, 0.3125



44.3655, 0.3206, 0.3171



44.3655, 0.3346, 0.3453

Rectangle

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



44.3655, 0.3046, 0.3414



44.3655, 0.2912, 0.3239



44.3655, 0.3206, 0.3171



44.3655, 0.3347, 0.3335

Sweetspot

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



44.3674, 0.3046, 0.3414



83.4006, 0.3102, 0.3327



45.0567, 0.3195, 0.3535



18.3404, 0.3095, 0.3337



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.



44.3674, 0.3046, 0.3414



79.4865, 0.3027, 0.3445



44.7159, 0.2980, 0.3294



10.1327, 0.3050, 0.3407



24.1692, 0.2720, 0.4991



0.8645, 0.2587, 0.4513

Inverse Universe

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



39.5248, 0.3217, 0.3169



68.8064, 0.3240, 0.3140



39.1981, 0.3295, 0.3286



9.0854, 0.3212, 0.3176



7.5738, 0.4924, 0.2486



0.2795, 0.4368, 0.2180

Previews

White Background



This preview shows how the Yxy color 44.3655, 0.3046, 0.3414 looks on a white background.

Color Contrast Check

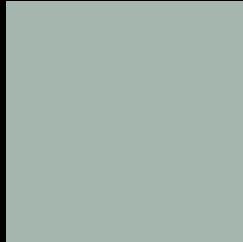
Large Text (above 18pt) WCAG AA × Fail

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 44.3655, 0.3046, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

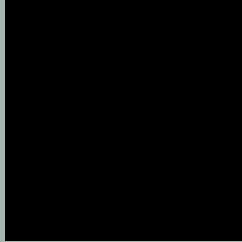
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

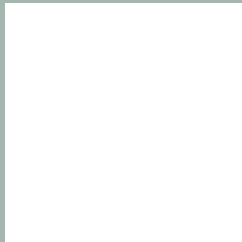
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3655, 0.3046, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 44.3655, 0.3046, 0.3414.



This preview shows how white text looks on a background with the Yxy color 44.3655, 0.3046, 0.3414.

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

44.3655, 0.3046, 0.3414

Protanopia

44.2916, 0.3229, 0.3383

Deuteranopia

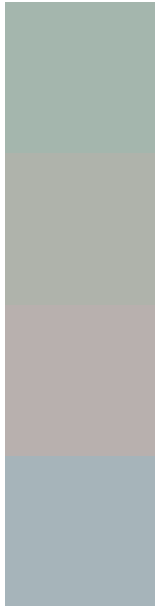
44.2023, 0.3311, 0.3252



Tritanopia

44.3059, 0.2919, 0.3103

Trichromacy



Original Color

44.3655, 0.3046, 0.3414

Protanomaly

44.2944, 0.3157, 0.3398

Deuteranomaly

44.2970, 0.3214, 0.3317

Tritanomaly

44.2947, 0.2963, 0.3209

Monochromacy



Original Color

44.3655, 0.3046, 0.3414

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.7066, 0.3099, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3655, 0.3046, 0.3414 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(164, 182, 173)` looks like.

```
.text, #text, p{  
    color:rgb(164, 182, 173)  
}
```

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(164, 182, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 182, 173) }
```

Border

The CSS property to change the border of an element to Yxy 44.3655, 0.3046, 0.3414 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(164, 182, 173) }
```

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

```
.border{ border-color:rgb(164, 182, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 182, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 182, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 182, 173);  
box-shadow:4px 4px 4px 4px rgb(164, 182,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3655, 0.3046, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 182, 173) }
```

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

```
.background{ background-color: rgb(164,  
182, 173) }
```

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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