

Converting Colors

Yxy(53.0610, 0.3006, 0.3405)

Have a look what the booklet for
Yxy(53.0610, 0.3006, 0.3405)
contains.

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Color

Yxy(53.0610, 0.3006, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	AEC6BD
RGB	174, 198, 189
RGB Percent	68%, 78%, 74%
CMY	0.3175, 0.2236, 0.2587
CMYK	0.12, 0.00, 0.05, 0.22
HSL	158°, 17%, 73%
HSV	158°, 12%, 78%
XYZ	46.8433, 53.0610, 55.9283
YIQ	189.7980, -11.4150, -7.8870

Conversions

Conversions Part 2

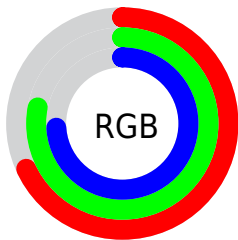
Format	Color
RYB	174, 189, 198
Decimal	11454141
CIELab	77.91, -9.84, 1.74
CIElCh	78, 9.994, 169.955
Yxy	53.0610, 0.3006, 0.3405
Android (android.graphics.Color)	4289644221 (0xFFAEC6BD)
YUV	189.7980, -0.3934, -13.8548
Hunter-Lab	72.8430, -12.6869, 5.4676

Details

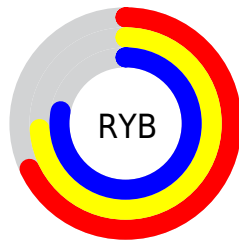
The Yxy color **53.0610, 0.3006, 0.3405** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.7123, 0.3266, 0.3178**, and the grayscale version is **51.3830, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9356, 0.3031, 0.3390**, and **25.7890, 0.2966, 0.3430** is the 20% darker color. If you saturate the color by 10%, you get **50.6397, 0.2910, 0.3511**, and if you desaturate by 10%, it is **55.8385, 0.3106, 0.3309**.

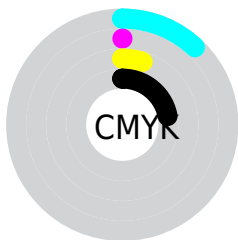
Distribution



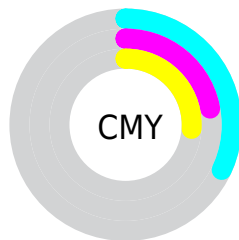
- Red (68%)
- Green (78%)
- Blue (74%)



- Red (68%)
- Yellow (74%)
- Blue (78%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)





- Cyan (32%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0610, 0.3006, 0.3405 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 53.0610, 0.3006, 0.3405 by changing the saturation by 10% instead.

 53.0610, 0.3006,
0.3405

 53.0610, 0.3006,
0.3405

398.5191, 0.3066,
0.3348

 37.8515, 0.2991,
0.3419


 94.6941, 0.3027,
0.3385

 25.8674, 0.2973,
0.3437


121.8865, 0.3035,
0.3377

 16.7245, 0.2949,
0.3460


153.8420, 0.3042,
0.3370

 10.0383, 0.2915,
0.3492

190.9449, 0.3048,
0.3365

 5.4243, 0.2866,
0.3540

233.5797, 0.3053,
0.3360

 2.4983, 0.2788,
0.3616

282.1307, 0.3058,

 0.8758, 0.2575,

0.3356

0.3808

336.9824, 0.3062,
0.3352

0.0000, 0.0000,
0.0000

53.0610, 0.3006,
0.3405

53.0610, 0.3006,
0.3405

50.6397, 0.2910,
0.3511

55.8385, 0.3106,
0.3309

48.5529, 0.2821,
0.3628

58.9794, 0.3208,
0.3223

46.7871, 0.2742,
0.3754


62.4991, 0.3309,
0.3146

45.3250, 0.2675,
0.3888

66.4101, 0.3409,
0.3079

44.1475, 0.2624,
0.4028


67.1413, 0.3366,
0.3006


 43.2337, 0.2592,
0.4173

 67.5576, 0.3310,
0.2934


 42.5592, 0.2579,
0.4318

 67.9917, 0.3255,
0.2863

 42.0953, 0.2587,
0.4461

 68.4438, 0.3201,
0.2793

 41.8358, 0.2604,
0.4573

 68.8648, 0.3153,
0.2732

Harmonies

Analogous

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



53.0610, 0.3136, 0.3494



53.0610, 0.3006, 0.3405



53.0610, 0.2909, 0.3284

Triad

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



53.0610, 0.3006, 0.3405



53.0610, 0.2986, 0.3063



53.0610, 0.3392, 0.3404

Complementary

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



53.0610, 0.3006, 0.3405



45.7123, 0.3266, 0.3178

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.



53.0610, 0.3350, 0.3290



53.0610, 0.3006, 0.3405



53.0610, 0.3113, 0.3097

Square

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



53.0610, 0.3006, 0.3405



53.0610, 0.2898, 0.3088



53.0610, 0.3247, 0.3179



53.0610, 0.3361, 0.3490

Rectangle

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



53.0610, 0.3006, 0.3405



53.0610, 0.2876, 0.3204



53.0610, 0.3247, 0.3179



53.0610, 0.3386, 0.3367

Sweetspot

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



53.0632, 0.3006, 0.3405



97.8729, 0.3086, 0.3327



53.5370, 0.3186, 0.3597



20.8657, 0.3078, 0.3334



0.0000, 0.0000, 0.0000



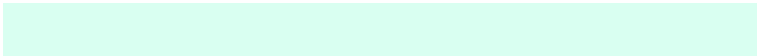
21.4041, 0.3127, 0.3290

Same Dimension

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



53.0632, 0.3006, 0.3405



92.5648, 0.2975, 0.3437



52.1994, 0.2943, 0.3254



11.9976, 0.3033, 0.3378



27.2262, 0.2598, 0.4554



1.3029, 0.2516, 0.4259

Inverse Universe

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



45.7123, 0.3266, 0.3178



76.5308, 0.3308, 0.3148



46.4418, 0.3339, 0.3326



10.7016, 0.3232, 0.3204



8.1460, 0.5458, 0.2780



0.3997, 0.4888, 0.2466

Previews

White Background



This preview shows how the Yxy color 53.0610, 0.3006, 0.3405 looks on a white background.

Color Contrast Check

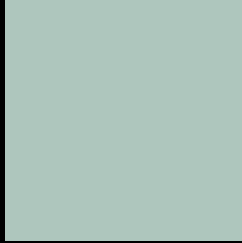
Large Text (above 18pt) WCAG AA × Fail

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 53.0610, 0.3006, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

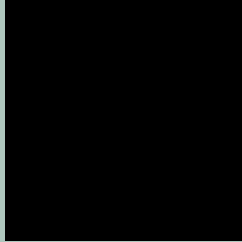
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

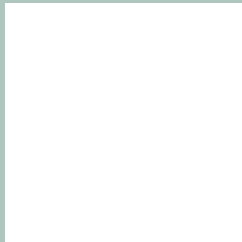
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0610, 0.3006, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 53.0610, 0.3006, 0.3405.

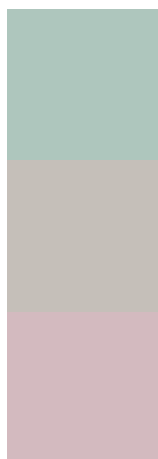


This preview shows how white text looks on a background with the Yxy color 53.0610, 0.3006, 0.3405.

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

53.0610, 0.3006, 0.3405

Protanopia

52.6347, 0.3222, 0.3364

Deuteranopia

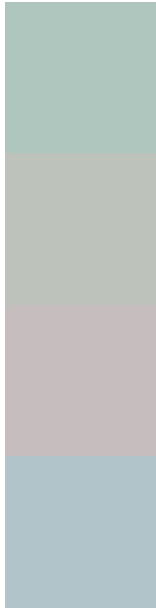
52.7283, 0.3298, 0.3231



Tritanopia

53.1483, 0.2891, 0.3103

Trichromacy



Original Color

53.0610, 0.3006, 0.3405

Protanomaly

52.9476, 0.3147, 0.3390

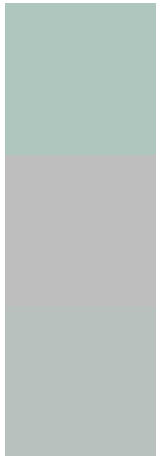
Deuteranomaly

52.5504, 0.3193, 0.3290

Tritanomaly

53.0912, 0.2938, 0.3214

Monochromacy



Original Color

53.0610, 0.3006, 0.3405

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.0480, 0.3077, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0610, 0.3006, 0.3405 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(174, 198, 189)` looks like.

```
.text, #text, p{  
    color:rgb(174, 198, 189)  
}
```

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(174, 198, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 198, 189) }
```

Border

The CSS property to change the border of an element to Yxy 53.0610, 0.3006, 0.3405 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(174, 198, 189) }
```

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

```
.border{ border-color:rgb(174, 198, 189) }
```

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

Here you see how a box with a 4 pixel rgb(174, 198, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 198, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 198, 189);  
box-shadow:4px 4px 4px 4px rgb(174, 198,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0610, 0.3006, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 198, 189) }
```

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

```
.background{ background-color: rgb(174,  
198, 189) }
```

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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