

Converting Colors

$Yxy(62.3446, 0.2905, 0.3440)$

Have a look what the booklet for
Yxy(62.3446, 0.2905, 0.3440)
contains.

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Color

Yxy(62.3556, 0.2904, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	ADD8CC
RGB	173, 216, 204
RGB Percent	68%, 85%, 80%
CMY	0.3216, 0.1529, 0.2000
CMYK	0.20, 0.00, 0.06, 0.15
HSL	163°, 36%, 76%
HSV	163°, 20%, 85%
XYZ	52.6857, 62.3556, 66.3832
YIQ	201.7750, -21.7760, -12.8480

Conversions

Conversions Part 2

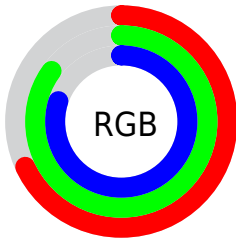
Format	Color
RYB	173, 198, 216
Decimal	11393228
CIELab	83.10, -16.44, 1.28
CIELCh	83, 16.486, 175.556
Yxy	62.3556, 0.2904, 0.3437
Android (android.graphics.Color)	4289583308 (0xFFADD8CC)
YUV	201.7750, 1.0969, -25.2357
Hunter-Lab	78.9656, -19.0949, 5.4331

Details

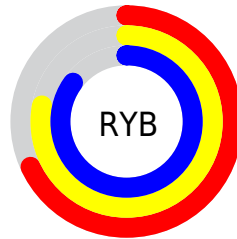
The Yxy color **62.3556, 0.2904, 0.3437** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.9850, 0.3413, 0.3148**, and the grayscale version is **58.9180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **31.6848, 0.2848, 0.3471** is the 20% darker color. If you saturate the color by 10%, you get **59.8079, 0.2802, 0.3522**, and if you desaturate by 10%, it is **65.3177, 0.3014, 0.3360**.

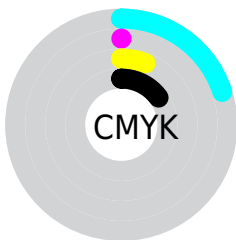
Distribution



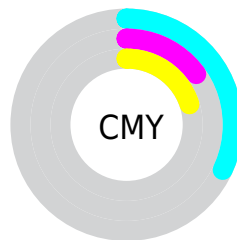
- Red (68%)
- Green (85%)
- Blue (80%)



- Red (68%)
- Yellow (78%)
- Blue (85%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)





- Cyan (32%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3556, 0.2904, 0.3437 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 62.3556, 0.2904, 0.3437 by changing the saturation by 10% instead.


 62.3556, 0.2904,
0.3437

 62.3556, 0.2904,
0.3437


433.2270, 0.3010,
0.3367

 45.3201, 0.2879,
0.3454


 108.2393, 0.2942,
0.3412

 31.7096, 0.2848,
0.3475

137.8563, 0.2956,
0.3403

 21.1398, 0.2807,
0.3502


172.4359, 0.2968,
0.3394

 13.2262, 0.2753,
0.3538

212.3625, 0.2979,
0.3387

 7.5845, 0.2677,
0.3589

258.0206, 0.2988,
0.3381

 3.8303, 0.2562,
0.3667

309.7944, 0.2996,

 1.5791, 0.2370,

0.3376

0.3800

368.0684, 0.3004,
0.3371

0.3434, 0.0000,
0.5468

0.0000, 0.0000,
0.0000

62.3556, 0.2904,
0.3437

62.3556, 0.2904,
0.3437

59.8079, 0.2802,
0.3522

65.3177, 0.3014,
0.3360

57.6477, 0.2710,
0.3613

68.7045, 0.3128,
0.3289


55.8568, 0.2631,
0.3710

72.5353, 0.3245,
0.3227

54.4124, 0.2569,
0.3811

75.9840, 0.3329,
0.3169


 53.2891, 0.2525,
0.3916


 76.3251, 0.3287,
0.3110


 52.4581, 0.2501,
0.4022

 76.6779, 0.3245,
0.3051


 51.8850, 0.2497,
0.4127

 77.0427, 0.3204,
0.2993

 51.5091, 0.2509,
0.4232

 77.4195, 0.3163,
0.2936

 51.5062, 0.2509,
0.4232

 77.5959, 0.3145,
0.2910

Harmonies

Analogous

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



62.3556, 0.3100, 0.3594



62.3556, 0.2904, 0.3437



62.3556, 0.2770, 0.3241

Triad

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



62.3556, 0.2904, 0.3437



62.3556, 0.2940, 0.2943



62.3556, 0.3542, 0.3493

Complementary

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



62.3556, 0.2904, 0.3437



47.9850, 0.3413, 0.3148

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.



62.3556, 0.3497, 0.3320



62.3556, 0.2904, 0.3437



62.3556, 0.3144, 0.3011

Square

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



62.3556, 0.2904, 0.3437



62.3556, 0.2790, 0.2962



62.3556, 0.3350, 0.3147



62.3556, 0.3471, 0.3619

Rectangle

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



62.3556, 0.2904, 0.3437



62.3556, 0.2731, 0.3120



62.3556, 0.3350, 0.3147



62.3556, 0.3540, 0.3438

Sweetspot

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



62.3582, 0.2904, 0.3437



96.9407, 0.3057, 0.3332



62.4688, 0.3190, 0.3822



20.6810, 0.3050, 0.3336



0.0000, 0.0000, 0.0000



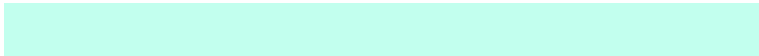
21.4041, 0.3127, 0.3290

Same Dimension

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



62.3582, 0.2904, 0.3437



89.1309, 0.2859, 0.3473



58.3151, 0.2824, 0.3175



14.0460, 0.3019, 0.3356



30.5031, 0.2505, 0.4216



1.8536, 0.2454, 0.4036

Inverse Universe

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



47.9850, 0.3413, 0.3148



64.4520, 0.3492, 0.3116



51.1991, 0.3499, 0.3402



12.4772, 0.3248, 0.3225



8.8520, 0.5821, 0.2980



0.5480, 0.5321, 0.2705

Previews

White Background



This preview shows how the Yxy color 62.3556, 0.2904, 0.3437 looks on a white background.

Color Contrast Check

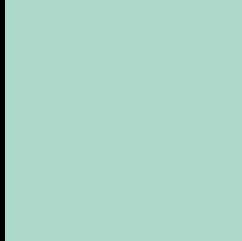
Large Text (above 18pt) WCAG AA × Fail

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 62.3556, 0.2904, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

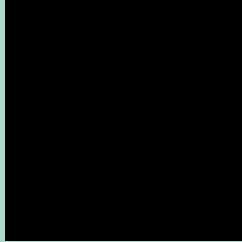
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

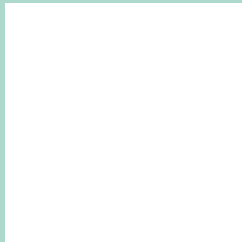
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.3556, 0.2904, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 62.3556, 0.2904, 0.3437.

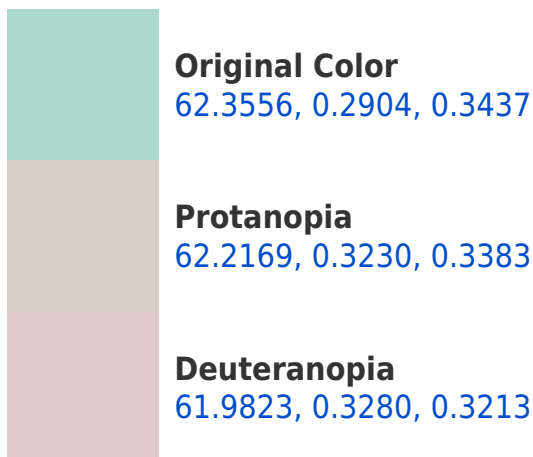


This preview shows how white text looks on a background with the Yxy color 62.3556, 0.2904, 0.3437.

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





Tritanopia

62.2091, 0.2782, 0.3088

Trichromacy



Original Color

62.3556, 0.2904, 0.3437

Protanomaly

62.2691, 0.3107, 0.3408

Deuteranomaly

61.8642, 0.3135, 0.3290

Tritanomaly

61.9859, 0.2824, 0.3205

Monochromacy



Original Color

62.3556, 0.2904, 0.3437

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.0138, 0.3036, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3556, 0.2904, 0.3437 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(173, 216, 204)` looks like.

```
.text, #text, p{  
    color:rgb(173, 216, 204)  
}
```

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(173, 216, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 216, 204) }
```

Border

The CSS property to change the border of an element to Yxy 62.3556, 0.2904, 0.3437 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(173, 216, 204) }
```

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

```
.border{ border-color:rgb(173, 216, 204) }
```

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

Here you see how a box with a 4 pixel rgb(173, 216, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 216, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 216, 204);  
box-shadow:4px 4px 4px 4px rgb(173, 216,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3556, 0.2904, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 216, 204) }
```

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

```
.background{ background-color: rgb(173,  
216, 204) }
```

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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