

Converting Colors

$Yxy(64.1574, 0.2871, 0.3236)$

Have a look what the booklet for
Yxy(64.1574, 0.2871, 0.3236)
contains.

Yxy(64.3463, 0.2872, 0.3242)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.3463, 0.2872, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	B7D8DC
RGB	183, 216, 220
RGB Percent	72%, 85%, 86%
CMY	0.2824, 0.1529, 0.1372
CMYK	0.17, 0.02, 0.00, 0.14
HSL	186°, 35%, 79%
HSV	186°, 17%, 86%
XYZ	57.0026, 64.3463, 77.1282
YIQ	206.5890, -20.9520, -5.7520

Conversions

Conversions Part 2

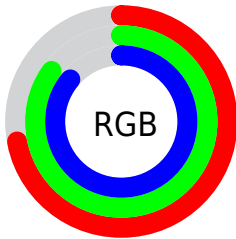
Format	Color
R _Y B	183, 200, 220
Decimal	12048604
CIE Lab	84.15, -10.01, -5.62
CIE LCh	84, 11.479, 209.312
Yxy	64.3463, 0.2872, 0.3242
Android (android.graphics.Color)	4290238684 (0xFFB7D8DC)
YUV	206.5890, 6.6116, -20.6876
Hunter-Lab	80.2161, -13.5338, -0.8563

Details

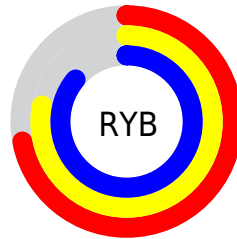
The Yxy color **64.3463, 0.2872, 0.3242** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.1764, 0.3440, 0.3338**, and the grayscale version is **62.0871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **32.8735, 0.2806, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **60.6487, 0.2730, 0.3210**, and if you desaturate by 10%, it is **68.4885, 0.3022, 0.3271**.

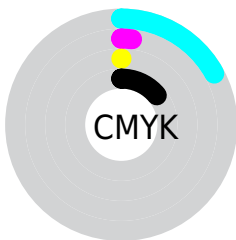
Distribution



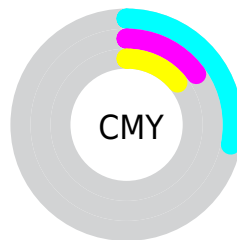
- Red (72%)
- Green (85%)
- Blue (86%)



- Red (72%)
- Yellow (78%)
- Blue (86%)



- Cyan (17%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (28%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.3463, 0.2872, 0.3242 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 64.3463, 0.2872, 0.3242 by changing the saturation by 10% instead.

■ 64.3463, 0.2872,
0.3242

■ 64.3463, 0.2872,
0.3242

440.4391, 0.2992,
0.3266

■ 46.9312, 0.2844,
0.3236

■ 111.1095, 0.2914,
0.3251

■ 32.9813, 0.2810,
0.3229

141.2264, 0.2930,
0.3254

■ 22.1121, 0.2765,
0.3219

176.3461, 0.2944,
0.3257

■ 13.9393, 0.2707,
0.3205

216.8529, 0.2956,
0.3259

■ 8.0785, 0.2626,
0.3185

263.1312, 0.2967,
0.3261

■ 4.1452, 0.2507,
0.3154

315.5654, 0.2976,

■ 1.7551, 0.2314,

0.3263

0.3097

374.5399, 0.2984,
0.3265

0.4590, 0.1243,
0.2974

0.0000, 0.0000,
0.0000

64.3463, 0.2872,
0.3242

64.3463, 0.2872,
0.3242

60.6487, 0.2730,
0.3210

68.4885, 0.3022,
0.3271

57.3682, 0.2598,
0.3176

73.0856, 0.3177,
0.3298

54.4862, 0.2480,
0.3141

78.1577, 0.3333,
0.3323

51.9797, 0.2378,
0.3104

80.5585, 0.3374,
0.3346

■ 49.8232, 0.2295,
0.3067

■ 81.8574, 0.3370,
0.3370

■ 47.9877, 0.2231,
0.3029

■ 83.1743, 0.3367,
0.3393

■ 46.4395, 0.2185,
0.2991

■ 84.5093, 0.3364,
0.3417

■ 45.1349, 0.2158,
0.2954

■ 85.8624, 0.3360,
0.3440

■ 44.7472, 0.2151,
0.2942

■ 87.2337, 0.3357,
0.3463

Harmonies

Analogous

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



64.3463, 0.2959, 0.3375



64.3463, 0.2872, 0.3242



64.3463, 0.2852, 0.3126

Triad

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



64.3463, 0.2872, 0.3242



64.3463, 0.3158, 0.3105



64.3463, 0.3353, 0.3525

Complementary

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



64.3463, 0.2872, 0.3242



54.1764, 0.3440, 0.3338

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.



64.3463, 0.3410, 0.3446



64.3463, 0.2872, 0.3242



64.3463, 0.3296, 0.3205

Square

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



64.3463, 0.2872, 0.3242



64.3463, 0.3015, 0.3051



64.3463, 0.3389, 0.3329



64.3463, 0.3236, 0.3541

Rectangle

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



64.3463, 0.2872, 0.3242



64.3463, 0.2879, 0.3074



64.3463, 0.3389, 0.3329



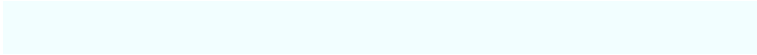
64.3463, 0.3380, 0.3504

Sweetspot

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



64.3490, 0.2872, 0.3242



96.7852, 0.3049, 0.3276



64.8314, 0.3082, 0.3696



20.6221, 0.3038, 0.3274



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.



64.3490, 0.2872, 0.3242



88.1099, 0.2823, 0.3232



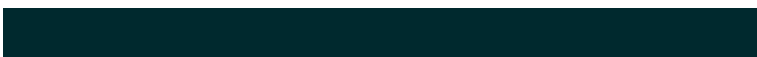
55.5328, 0.2862, 0.3022



14.5765, 0.2982, 0.3264



26.3604, 0.2152, 0.2948



1.7781, 0.2169, 0.3009

Inverse Universe

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



54.0417, 0.3178, 0.2918



71.3157, 0.3189, 0.2842



62.3952, 0.3405, 0.3545



13.2493, 0.3154, 0.3084



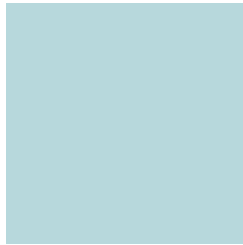
11.2849, 0.3500, 0.1702



0.7382, 0.3447, 0.1672

Previews

White Background



This preview shows how the Yxy color 64.3463, 0.2872, 0.3242 looks on a white background.

Color Contrast Check

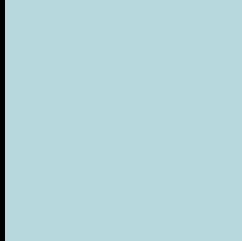
Large Text (above 18pt) WCAG AA × Fail

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 64.3463, 0.2872, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

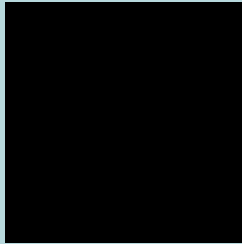
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

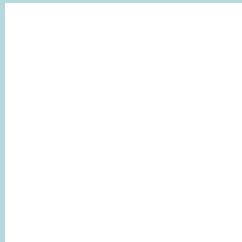
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.3463, 0.2872, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 64.3463, 0.2872, 0.3242.

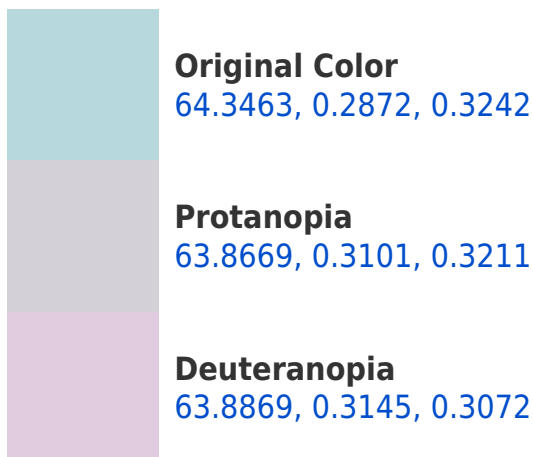


This preview shows how white text looks on a background with the Yxy color 64.3463, 0.2872, 0.3242.

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

64.1769, 0.2817, 0.3092

Trichromacy



Original Color

64.3463, 0.2872, 0.3242

Protanomaly

64.0158, 0.3014, 0.3221

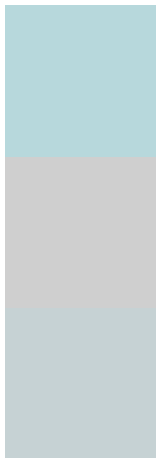
Deuteranomaly

63.9410, 0.3039, 0.3132

Tritanomaly

64.3373, 0.2836, 0.3149

Monochromacy



Original Color

64.3463, 0.2872, 0.3242

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.8524, 0.3026, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3463, 0.2872, 0.3242 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(183, 216, 220)` looks like.

```
.text, #text, p{  
    color:rgb(183, 216, 220)  
}
```

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(183, 216, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 216, 220) }
```

Border

The CSS property to change the border of an element to Yxy 64.3463, 0.2872, 0.3242 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(183, 216, 220) }
```

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

```
.border{ border-color:rgb(183, 216, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 216, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 216, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 216, 220);  
box-shadow:4px 4px 4px 4px rgb(183, 216,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3463, 0.2872, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 216, 220) }
```

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

```
.background{ background-color: rgb(183,  
216, 220) }
```

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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