

Converting Colors

$Yxy(72.4236, 0.2942, 0.3355)$

Have a look what the booklet for
Yxy(72.4236, 0.2942, 0.3355)
contains.

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Color

Yxy(72.3628, 0.2943, 0.3357)

Conversions

Conversions Part 1

Format	Color
Hex	C3E4DE
RGB	195, 228, 222
RGB Percent	76%, 89%, 87%
CMY	0.2353, 0.1059, 0.1293
CMYK	0.14, 0.00, 0.03, 0.11
HSL	169°, 38%, 83%
HSV	169°, 14%, 89%
XYZ	63.4387, 72.3628, 79.7564
YIQ	217.4490, -17.7420, -8.8620

Conversions

Conversions Part 2

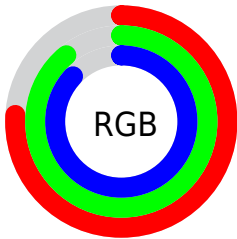
Format	Color
R_{YB}	195, 213, 228
Decimal	12838110
CIE Lab	88.14, -11.93, -0.73
CIE LCh	88, 11.954, 183.504
Yxy	72.3628, 0.2943, 0.3357
Android (android.graphics.Color)	4291028190 (0xFFC3E4DE)
YUV	217.4490, 2.2436, -19.6878
Hunter-Lab	85.0663, -15.7487, 3.9573

Details

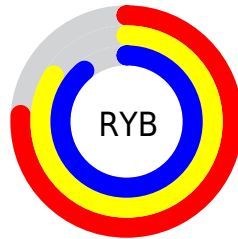
The Yxy color **72.3628, 0.2943, 0.3357** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.7429, 0.3349, 0.3224**, and the grayscale version is **69.7093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **38.3399, 0.2900, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **69.3386, 0.2824, 0.3409**, and if you desaturate by 10%, it is **75.8622, 0.3069, 0.3310**.

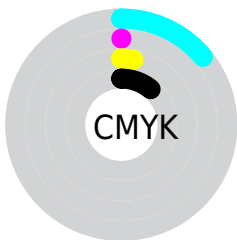
Distribution



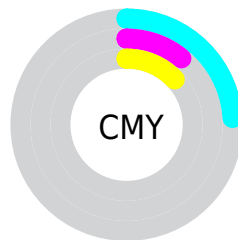
- Red (76%)
- Green (89%)
- Blue (87%)



- Red (76%)
- Yellow (84%)
- Blue (89%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)





- Cyan (24%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3628, 0.2943, 0.3357 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 72.3628, 0.2943, 0.3357 by changing the saturation by 10% instead.


 72.3628, 0.2943,
0.3357

 72.3628, 0.2943,
0.3357


468.8034, 0.3028,
0.3326

 53.4551, 0.2924,
0.3364


 122.5722, 0.2973,
0.3346

 38.1662, 0.2899,
0.3373


154.6427, 0.2984,
0.3342

 26.1117, 0.2869,
0.3383


191.8695, 0.2994,
0.3339

 16.9072, 0.2829,
0.3398

234.6372, 0.3003,
0.3336

 10.1684, 0.2775,
0.3417

283.3300, 0.3010,
0.3333

 5.5107, 0.2696,
0.3445

338.3324, 0.3017,

 2.5499, 0.2572,

0.3330

0.3487

400.0287, 0.3023,
0.3328

0.9016, 0.2261,
0.3604

0.0000, 0.0000,
0.0000

72.3628, 0.2943,
0.3357

72.3628, 0.2943,
0.3357

69.3386, 0.2824,
0.3409

75.8622, 0.3069,
0.3310

66.7594, 0.2715,
0.3465

79.8473, 0.3200,
0.3267


64.6058, 0.2620,
0.3524


82.7103, 0.3273,
0.3227

62.8531, 0.2540,
0.3586


82.9504, 0.3246,
0.3187

 61.4741, 0.2478,
0.3650


 83.1961, 0.3219,
0.3147

 60.4383, 0.2436,
0.3716

 83.4474, 0.3192,
0.3107

 59.7103, 0.2413,
0.3782

 83.7043, 0.3166,
0.3068

 59.2468, 0.2409,
0.3847

 83.9668, 0.3139,
0.3029

 59.0660, 0.2412,
0.3883

Harmonies

Analogous

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



72.3628, 0.3071, 0.3474



72.3628, 0.2943, 0.3357



72.3628, 0.2865, 0.3224

Triad

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



72.3628, 0.2943, 0.3357



72.3628, 0.3034, 0.3055



72.3628, 0.3407, 0.3460

Complementary

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



72.3628, 0.2943, 0.3357



59.7429, 0.3349, 0.3224

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.



72.3628, 0.3397, 0.3346



72.3628, 0.2943, 0.3357



72.3628, 0.3179, 0.3116

Square

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



72.3628, 0.2943, 0.3357



72.3628, 0.2916, 0.3053



72.3628, 0.3313, 0.3222



72.3628, 0.3340, 0.3531

Rectangle

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



72.3628, 0.2943, 0.3357



72.3628, 0.2850, 0.3145



72.3628, 0.3313, 0.3222



72.3628, 0.3413, 0.3425

Sweetspot

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



72.3658, 0.2943, 0.3357



97.9984, 0.3075, 0.3308



71.8525, 0.3151, 0.3670



20.8976, 0.3065, 0.3311



0.0000, 0.0000, 0.0000



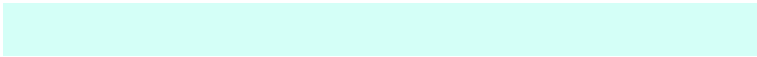
21.4041, 0.3127, 0.3290

Same Dimension

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



72.3658, 0.2943, 0.3357



92.1907, 0.2911, 0.3370



67.1154, 0.2904, 0.3170



16.2894, 0.3005, 0.3333



34.1230, 0.2409, 0.3873



2.5333, 0.2383, 0.3778

Inverse Universe

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



59.7429, 0.3349, 0.3224



73.3122, 0.3397, 0.3212



64.3150, 0.3379, 0.3407



14.4103, 0.3264, 0.3248



9.6299, 0.6119, 0.3144



0.7240, 0.5733, 0.2932

Previews

White Background



This preview shows how the Yxy color 72.3628, 0.2943, 0.3357 looks on a white background.

Color Contrast Check

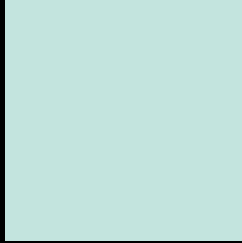
Large Text (above 18pt) WCAG AA × Fail

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 72.3628, 0.2943, 0.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

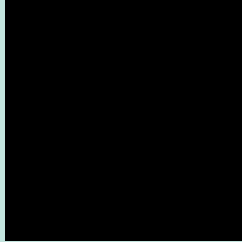
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

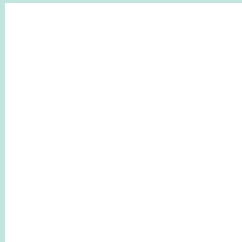
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3628, 0.2943, 0.3357

Background



This preview shows how black text looks on a background with the Yxy color 72.3628, 0.2943, 0.3357.



This preview shows how white text looks on a background with the Yxy color 72.3628, 0.2943, 0.3357.

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

72.3628, 0.2943, 0.3357

Protanopia

72.2037, 0.3183, 0.3323

Deuteranopia

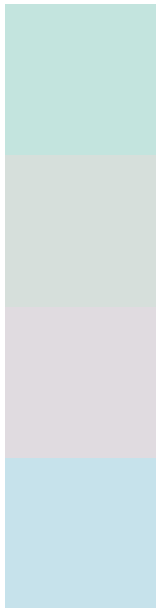
72.0546, 0.3243, 0.3176



Tritanopia

72.4636, 0.2844, 0.3092

Trichromacy



Original Color

72.3628, 0.2943, 0.3357

Protanomaly

72.1860, 0.3090, 0.3334

Deuteranomaly

71.8921, 0.3130, 0.3236

Tritanomaly

72.3966, 0.2885, 0.3189

Monochromacy



Original Color

72.3628, 0.2943, 0.3357

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.3827, 0.3056, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3628, 0.2943, 0.3357 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(195, 228, 222)` looks like.

```
.text, #text, p{  
    color:rgb(195, 228, 222)  
}
```

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(195, 228, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 228, 222) }
```

Border

The CSS property to change the border of an element to Yxy 72.3628, 0.2943, 0.3357 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(195, 228, 222) }
```

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

```
.border{ border-color:rgb(195, 228, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 228, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 228, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 228, 222);  
box-shadow:4px 4px 4px 4px rgb(195, 228,  
222) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.3628, 0.2943, 0.3357$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 228, 222) }
```

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

```
.background{ background-color: rgb(195,  
228, 222) }
```

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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