

Converting Colors

$Yxy(73.0426, 0.2884, 0.3396)$

Have a look what the booklet for
Yxy(73.0426, 0.2884, 0.3396)
contains.

Yxy(72.8649, 0.2887, 0.3393)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.8649, 0.2887, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	BAE7DE
RGB	186, 231, 222
RGB Percent	73%, 91%, 87%
CMY	0.2708, 0.0940, 0.1295
CMYK	0.20, 0.00, 0.04, 0.09
HSL	168°, 48%, 82%
HSV	168°, 20%, 91%
XYZ	61.9985, 72.8649, 79.8872
YIQ	216.5190, -23.9310, -12.3390

Conversions

Conversions Part 2

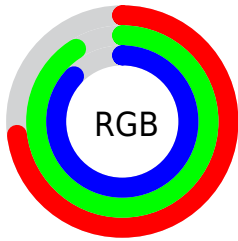
Format	Color
RYB	186, 211, 231
Decimal	12249054
CIELab	88.38, -16.30, -0.41
CIELCh	88, 16.305, 181.458
Yxy	72.8649, 0.2887, 0.3393
Android (android.graphics.Color)	4290439134 (0xFFBAE7DE)
YUV	216.5190, 2.7021, -26.7652
Hunter-Lab	85.3609, -19.7353, 4.2646

Details

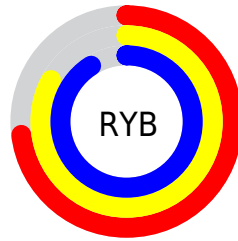
The Yxy color **72.8649, 0.2887, 0.3393** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.0285, 0.3436, 0.3190**, and the grayscale version is **69.0299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **38.3555, 0.2829, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **69.9605, 0.2775, 0.3453**, and if you desaturate by 10%, it is **76.2499, 0.3007, 0.3338**.

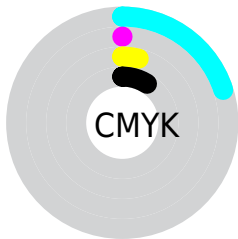
Distribution



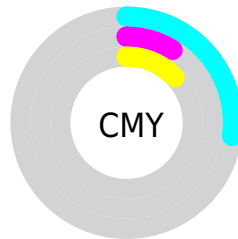
- Red (73%)
- Green (91%)
- Blue (87%)



- Red (73%)
- Yellow (83%)
- Blue (91%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)




- Cyan (27%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8649, 0.2887, 0.3393 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 72.8649, 0.2887, 0.3393 by changing the saturation by 10% instead.

 72.8649, 0.2887,
0.3393

 72.8649, 0.2887,
0.3393

470.5464, 0.2998,
0.3346

 53.8655, 0.2862,
0.3404


 123.2854, 0.2925,
0.3377

 38.4941, 0.2830,
0.3417

155.4753, 0.2940,
0.3370

 26.3664, 0.2791,
0.3434

192.8308, 0.2953,
0.3365

 17.0980, 0.2739,
0.3456

235.7363, 0.2965,
0.3360

 10.3044, 0.2669,
0.3486

284.5763, 0.2974,
0.3356

 5.6012, 0.2567,
0.3528

339.7350, 0.2983,

 2.6042, 0.2409,

0.3352

401.5969, 0.2991,
0.3349

0.3595

0.9288, 0.1973,
0.3784

0.0000, 0.0000,
0.0000

72.8649, 0.2887,
0.3393

72.8649, 0.2887,
0.3393

69.9605, 0.2775,
0.3453

76.2499, 0.3007,
0.3338

67.5051, 0.2674,
0.3517

80.1273, 0.3133,
0.3288

65.4774, 0.2588,
0.3586

84.4715, 0.3261,
0.3243


63.8507, 0.2519,
0.3657


84.7442, 0.3231,
0.3197


 62.5954, 0.2468,
0.3730

 85.0240, 0.3201,
0.3152


 61.6775, 0.2437,
0.3803


 85.3109, 0.3171,
0.3108

 61.0570, 0.2426,
0.3877

 85.6049, 0.3142,
0.3064

 60.6684, 0.2431,
0.3950

 85.6423, 0.3138,
0.3058

 60.6514, 0.2432,
0.3953

Harmonies

Analogous

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



72.8649, 0.3063, 0.3551



72.8649, 0.2887, 0.3393



72.8649, 0.2776, 0.3210

Triad

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



72.8649, 0.2887, 0.3393



72.8649, 0.2986, 0.2970



72.8649, 0.3512, 0.3509

Complementary

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



72.8649, 0.2887, 0.3393



56.0285, 0.3436, 0.3190

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.



72.8649, 0.3491, 0.3352



72.8649, 0.2887, 0.3393



72.8649, 0.3183, 0.3048

Square

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



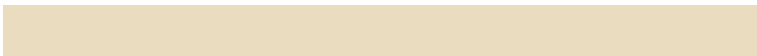
72.8649, 0.2887, 0.3393



72.8649, 0.2832, 0.2971



72.8649, 0.3369, 0.3186



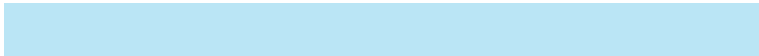
72.8649, 0.3426, 0.3614

Rectangle

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



72.8649, 0.2887, 0.3393



72.8649, 0.2752, 0.3101



72.8649, 0.3369, 0.3186



72.8649, 0.3517, 0.3461

Sweetspot

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



72.8679, 0.2887, 0.3393



97.0167, 0.3051, 0.3320



72.4029, 0.3169, 0.3815



20.6990, 0.3043, 0.3323



0.0000, 0.0000, 0.0000



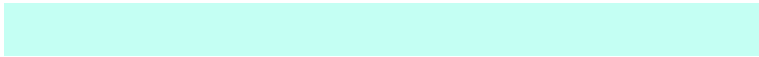
21.4041, 0.3127, 0.3290

Same Dimension

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



72.8679, 0.2887, 0.3393



89.7880, 0.2845, 0.3414



66.4756, 0.2826, 0.3142



16.2842, 0.3008, 0.3338



34.0140, 0.2428, 0.3942



2.5261, 0.2399, 0.3835

Inverse Universe

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



56.0285, 0.3436, 0.3190



65.4577, 0.3509, 0.3170



61.2530, 0.3485, 0.3433



14.4150, 0.3261, 0.3243



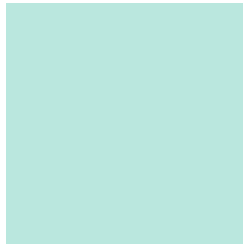
9.6504, 0.6068, 0.3116



0.7262, 0.5670, 0.2897

Previews

White Background



This preview shows how the Yxy color 72.8649, 0.2887, 0.3393 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 72.8649, 0.2887, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

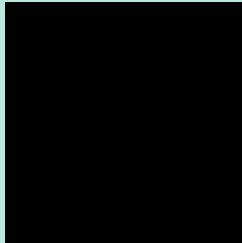
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

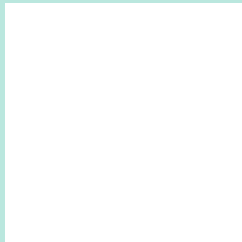
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.8649, 0.2887, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 72.8649, 0.2887, 0.3393.

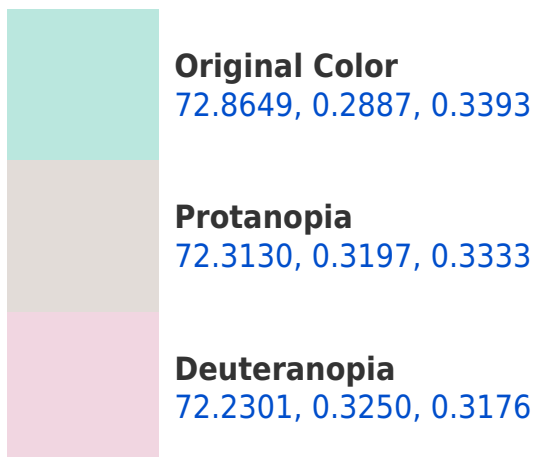


This preview shows how white text looks on a background with the Yxy color 72.8649, 0.2887, 0.3393.

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

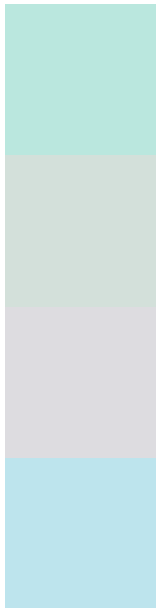




Tritanopia

72.5391, 0.2773, 0.3079

Trichromacy



Original Color

72.8649, 0.2887, 0.3393

Protanomaly

72.2221, 0.3075, 0.3356

Deuteranomaly

71.9404, 0.3108, 0.3247

Tritanomaly

72.4200, 0.2818, 0.3188

Monochromacy



Original Color

72.8649, 0.2887, 0.3393

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.4788, 0.3035, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8649, 0.2887, 0.3393 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(186, 231, 222)` looks like.

```
.text, #text, p{  
    color:rgb(186, 231, 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(186, 231, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 231, 222) }
```

Border

The CSS property to change the border of an element to Yxy 72.8649, 0.2887, 0.3393 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(186, 231, 222) }
```

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

```
.border{ border-color:rgb(186, 231, 222) }
```

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

Here you see how a box with a 4 pixel rgb(186, 231, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 231, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 231, 222);  
box-shadow:4px 4px 4px 4px rgb(186, 231,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8649, 0.2887, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 231, 222) }
```

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

```
.background{ background-color: rgb(186,  
231, 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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