

Converting Colors

$Yxy(72.5926, 0.2936, 0.3408)$

Have a look what the booklet for
Yxy(72.5926, 0.2936, 0.3408)
contains.

Yxy(72.7845, 0.2936, 0.3415)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(72.7845, 0.2936, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	BFE6DB
RGB	191, 230, 219
RGB Percent	75%, 90%, 86%
CMY	0.2508, 0.0981, 0.1412
CMYK	0.17, 0.00, 0.05, 0.10
HSL	163°, 44%, 83%
HSV	163°, 17%, 90%
XYZ	62.5755, 72.7845, 77.7718
YIQ	217.0850, -19.7130, -11.6890

Conversions

Conversions Part 2

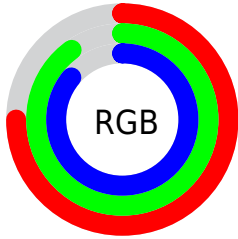
Format	Color
R _Y B	191, 214, 230
Decimal	12576475
CIE Lab	88.34, -14.79, 1.13
CIE LCh	88, 14.836, 175.649
Yxy	72.7845, 0.2936, 0.3415
Android (android.graphics.Color)	4290766555 (0xFFBFE6DB)
YUV	217.0850, 0.9441, -22.8765
Hunter-Lab	85.3138, -18.3741, 5.6711

Details

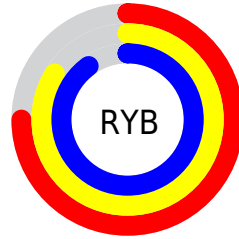
The Yxy color **72.7845, 0.2936, 0.3415** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.3647, 0.3362, 0.3169**, and the grayscale version is **69.4587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **38.2708, 0.2890, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **69.7002, 0.2831, 0.3499**, and if you desaturate by 10%, it is **76.3564, 0.3047, 0.3339**.

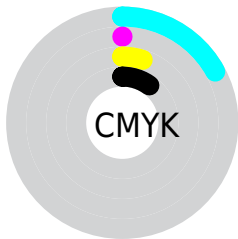
Distribution



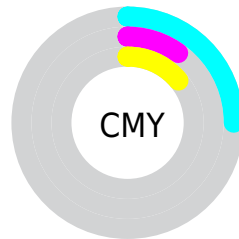
- Red (75%)
- Green (90%)
- Blue (86%)



- Red (75%)
- Yellow (84%)
- Blue (90%)



- Cyan (17%)
- Magenta (0%)
- Yellow (5%)
- Black (10%)




- Cyan (25%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.7845, 0.2936, 0.3415 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 72.7845, 0.2936, 0.3415 by changing the saturation by 10% instead.

 72.7845, 0.2936,
0.3415

 72.7845, 0.2936,
0.3415


470.2676, 0.3025,
0.3357

 53.7998, 0.2916,
0.3428

 123.1712, 0.2967,
0.3395

 38.4416, 0.2891,
0.3445


155.3420, 0.2979,
0.3387

 26.3256, 0.2859,
0.3466

192.6770, 0.2989,
0.3380

 17.0674, 0.2817,
0.3494

235.5604, 0.2998,
0.3374

 10.2826, 0.2760,
0.3532

284.3768, 0.3006,
0.3369

 5.5867, 0.2677,
0.3587

339.5106, 0.3013,

 2.5954, 0.2547,

0.3365

401.3460, 0.3019,
0.3361

0.3675

0.9244, 0.2183,
0.3903

0.0000, 0.0000,
0.0000

72.7845, 0.2936,
0.3415

72.7845, 0.2936,
0.3415

69.7002, 0.2831,
0.3499

76.3564, 0.3047,
0.3339

67.0725, 0.2736,
0.3589

80.4274, 0.3163,
0.3270

64.8808, 0.2653,
0.3686


84.0525, 0.3245,
0.3207

63.0992, 0.2586,
0.3788

84.4418, 0.3203,
0.3144


 61.6992, 0.2537,
0.3894


 84.8450, 0.3161,
0.3082

 60.6483, 0.2508,
0.4001

 85.0718, 0.3138,
0.3048

 59.9085, 0.2498,
0.4108

 59.4311, 0.2508,
0.4214

 59.3128, 0.2513,
0.4247

Harmonies

Analogous

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



72.7845, 0.3104, 0.3548



72.7845, 0.2936, 0.3415



72.7845, 0.2821, 0.3249

Triad

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



72.7845, 0.2936, 0.3415



72.7845, 0.2968, 0.2992



72.7845, 0.3481, 0.3465

Complementary

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



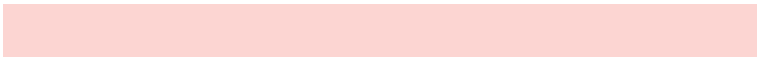
72.7845, 0.2936, 0.3415



58.3647, 0.3362, 0.3169

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.



72.7845, 0.3443, 0.3318



72.7845, 0.2936, 0.3415



72.7845, 0.3143, 0.3050

Square

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



72.7845, 0.2936, 0.3415



72.7845, 0.2838, 0.3009



72.7845, 0.3318, 0.3168



72.7845, 0.3421, 0.3572

Rectangle

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



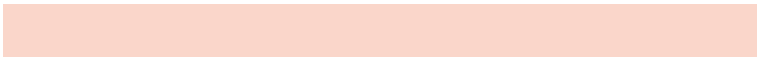
72.7845, 0.2936, 0.3415



72.7845, 0.2788, 0.3145



72.7845, 0.3318, 0.3168



72.7845, 0.3479, 0.3419

Sweetspot

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



72.7875, 0.2936, 0.3415



97.4320, 0.3069, 0.3325



72.9219, 0.3182, 0.3737



20.7800, 0.3061, 0.3330



0.0000, 0.0000, 0.0000



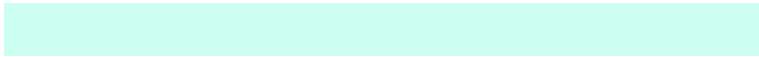
21.4041, 0.3127, 0.3290

Same Dimension

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



72.7875, 0.2936, 0.3415



90.6852, 0.2902, 0.3441



68.8004, 0.2867, 0.3193



16.2634, 0.3019, 0.3357



33.6026, 0.2508, 0.4230



2.4988, 0.2465, 0.4075

Inverse Universe

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



58.3647, 0.3362, 0.3169



69.5279, 0.3416, 0.3145



61.6521, 0.3435, 0.3385



14.4345, 0.3248, 0.3224



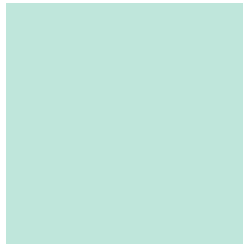
9.7576, 0.5819, 0.2979



0.7366, 0.5402, 0.2749

Previews

White Background



This preview shows how the Yxy color 72.7845, 0.2936, 0.3415 looks on a white background.

Color Contrast Check

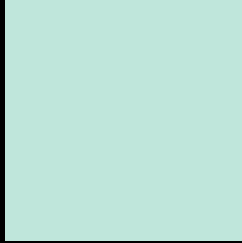
Large Text (above 18pt) WCAG AA × Fail

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 72.7845, 0.2936, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

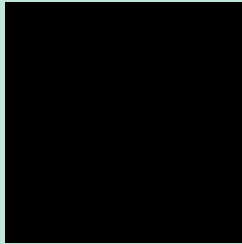
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

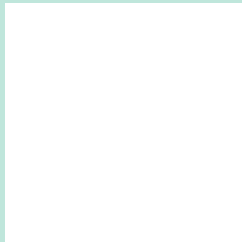
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.7845, 0.2936, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 72.7845, 0.2936, 0.3415.

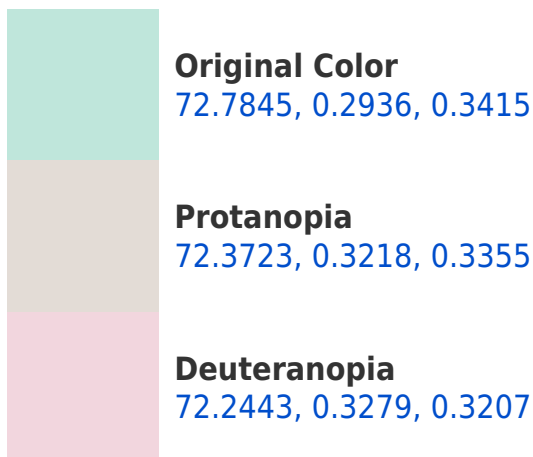


This preview shows how white text looks on a background with the Yxy color 72.7845, 0.2936, 0.3415.

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

72.6601, 0.2820, 0.3091

Trichromacy



Original Color

72.7845, 0.2936, 0.3415

Protanomaly

72.5653, 0.3109, 0.3378

Deuteranomaly

72.0948, 0.3142, 0.3279

Tritanomaly

72.4057, 0.2860, 0.3200

Monochromacy



Original Color

72.7845, 0.2936, 0.3415

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.7144, 0.3055, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7845, 0.2936, 0.3415 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(191, 230, 219)` looks like.

```
.text, #text, p{  
    color:rgb(191, 230, 219)  
}
```

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(191, 230, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 230, 219) }
```

Border

The CSS property to change the border of an element to Yxy 72.7845, 0.2936, 0.3415 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(191, 230, 219) }
```

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

```
.border{ border-color:rgb(191, 230, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 230, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 230, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 230, 219);  
box-shadow:4px 4px 4px 4px rgb(191, 230,  
219) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.7845, 0.2936, 0.3415$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 230, 219) }
```

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

```
.background{ background-color: rgb(191,  
230, 219) }
```

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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