

Converting Colors

$Yxy(72.3433, 0.2468, 0.3574)$

Have a look what the booklet for
Yxy(72.3433, 0.2468, 0.3574)
contains.

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Color

Yxy(72.2506, 0.2465, 0.3566)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5CF4DE |
| RGB | 92, 244, 222 |
| RGB Percent | 36%, 96%, 87% |
| CMY | 0.6395, 0.0431, 0.1294 |
| CMYK | 0.62, 0.00, 0.09, 0.04 |
| HSL | 171°, 87%, 66% |
| HSV | 171°, 62%, 96% |
| XYZ | 49.9433, 72.2506, 80.4158 |
| YIQ | 196.0440, -83.5300, -39.0660 |

Conversions

Conversions Part 2

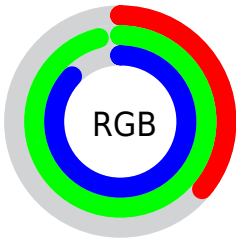
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 92, 174, 244 |
| Decimal | 6091998 |
| CIELab | 88.09, -45.19, -1.32 |
| CIELCh | 88, 45.204, 181.672 |
| Yxy | 72.2506, 0.2465, 0.3566 |
| Android (android.graphics.Color) | 4284282078 (0xFF5CF4DE) |
| YUV | 196.0440, 12.7963, -91.2466 |
| Hunter-Lab | 85.0004, -43.8702, 3.4081 |

Details

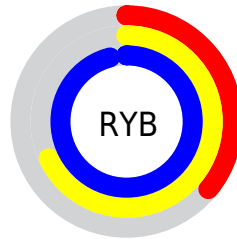
The Yxy color **72.2506, 0.2465, 0.3566** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **28.0923, 0.4840, 0.3078**, and the grayscale version is **55.1803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9081, 0.2592, 0.3288**, and **38.3307, 0.2340, 0.3625** is the 20% darker color. If you saturate the color by 10%, you get **71.0062, 0.2416, 0.3618**, and if you desaturate by 10%, it is **73.9090, 0.2533, 0.3515**.

Distribution



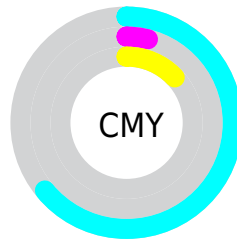
- Red (36%)
- Green (96%)
- Blue (87%)



- Red (36%)
- Yellow (68%)
- Blue (96%)



- Cyan (62%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)




- Cyan (64%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.2506, 0.2465, 0.3566 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 72.2506, 0.2465, 0.3566 by changing the saturation by 10% instead.


 72.2506, 0.2465,
0.3566


 72.2506, 0.2465,
0.3566


468.4134, 0.2768,
0.3441

 53.3634, 0.2397,
0.3594

 122.4128, 0.2570,
0.3523


 38.0930, 0.2313,
0.3628


 154.4565, 0.2610,
0.3506

 26.0548, 0.2208,
0.3671

 191.6546, 0.2646,
0.3492

 16.8647, 0.2072,
0.3725

 234.3913, 0.2677,
0.3479

 10.1381, 0.1891,
0.3797

283.0512, 0.2704,
0.3468

 5.4906, 0.1639,
0.3895


338.0186, 0.2728,

 2.5379, 0.1272,

0.3458

0.4034

399.6778, 0.2749,
0.3449


 0.8955, 0.0000,
0.4554


 0.0000, 0.0000,
0.0000


 72.2506, 0.2465,
0.3566


 72.2506, 0.2465,
0.3566


 71.0062, 0.2416,
0.3618

 73.9090, 0.2533,
0.3515


 70.1269, 0.2387,
0.3669


 76.0081, 0.2620,
0.3466


 69.5665, 0.2376,
0.3721


 78.5820, 0.2722,
0.3420

 69.2955, 0.2378,
0.3760


 81.6593, 0.2837,
0.3376

 85.2662, 0.2963,
0.3335

 89.4270, 0.3096,
0.3298

 92.6659, 0.3182,
0.3264

 92.8858, 0.3161,
0.3230

 93.1098, 0.3139,
0.3196

Harmonies

Analogous

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



72.2506, 0.2921, 0.4061



72.2506, 0.2465, 0.3566



72.2506, 0.2196, 0.3024

Triad

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



72.2506, 0.2465, 0.3566



72.2506, 0.2733, 0.2463



72.2506, 0.4195, 0.3836

Complementary

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



72.2506, 0.2465, 0.3566



28.0923, 0.4840, 0.3078

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.



72.2506, 0.4155, 0.3415



72.2506, 0.2465, 0.3566



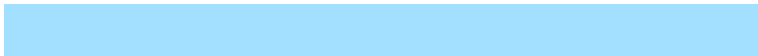
72.2506, 0.3267, 0.2664

Square

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



72.2506, 0.2465, 0.3566



72.2506, 0.2342, 0.2442



72.2506, 0.3804, 0.3001



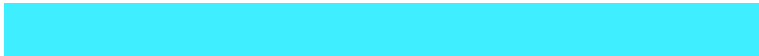
72.2506, 0.3928, 0.4170

Rectangle

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



72.2506, 0.2465, 0.3566



72.2506, 0.2144, 0.2737



72.2506, 0.3804, 0.3001



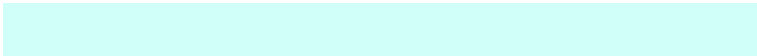
72.2506, 0.4218, 0.3700

Sweetspot

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



72.2534, 0.2465, 0.3566



91.4971, 0.2878, 0.3362



69.1071, 0.3137, 0.5247



19.3511, 0.2842, 0.3374



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.



72.2534, 0.2465, 0.3566



78.1650, 0.2406, 0.3632



45.9723, 0.2213, 0.2587



18.7141, 0.3000, 0.3324



37.6912, 0.2376, 0.3752



3.3237, 0.2358, 0.3687

Inverse Universe

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



28.0923, 0.4840, 0.3078



25.6616, 0.5404, 0.3084



40.3073, 0.4705, 0.3839



16.5216, 0.3271, 0.3256



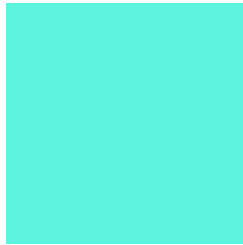
10.5368, 0.6206, 0.3192



0.9378, 0.5910, 0.3029

Previews

White Background



This preview shows how the Yxy color 72.2506, 0.2465, 0.3566 looks on a white background.

Color Contrast Check

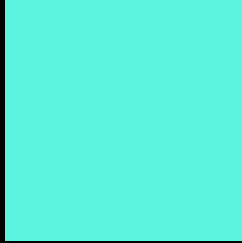
Large Text (above 18pt) WCAG AA × Fail

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 72.2506, 0.2465, 0.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

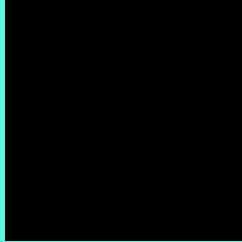
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.2506, 0.2465, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 72.2506, 0.2465, 0.3566.

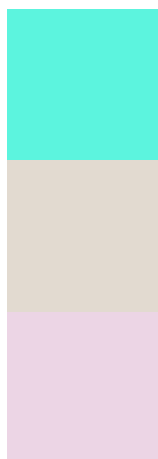


This preview shows how white text looks on a background with the Yxy color 72.2506, 0.2465, 0.3566.

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

72.2506, 0.2465, 0.3566

Protanopia

70.8656, 0.3253, 0.3399

Deuteranopia

71.0785, 0.3186, 0.3123



Tritanopia

71.9259, 0.2411, 0.3076

Trichromacy



Original Color

72.2506, 0.2465, 0.3566



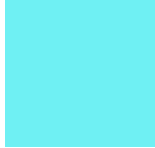
Protanomaly

69.0894, 0.2881, 0.3455



Deuteranomaly

68.9926, 0.2847, 0.3266



Tritanomaly

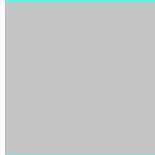
72.1707, 0.2428, 0.3252

Monochromacy



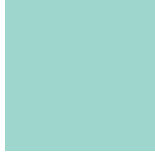
Original Color

72.2506, 0.2465, 0.3566



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

59.2654, 0.2798, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2506, 0.2465, 0.3566 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(92, 244, 222)` looks like.

```
.text, #text, p{  
    color:rgb(92, 244, 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(92, 244, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 244, 222) }
```

Border

The CSS property to change the border of an element to Yxy 72.2506, 0.2465, 0.3566 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(92, 244, 222) }
```

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

```
.border{ border-color:rgb(92, 244, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 244, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 244, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 244, 222);  
box-shadow:4px 4px 4px 4px rgb(92, 244,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 72.2506, 0.2465, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 244, 222) }
```

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

```
.background{ background-color: rgb(92, 244,  
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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