

Converting Colors

$Yxy(74.3458, 0.2449, 0.3464)$

Have a look what the booklet for
Yxy(74.3458, 0.2449, 0.3464)
contains.

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Color

Yxy(74.3344, 0.2447, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	62F6E8
RGB	98, 246, 232
RGB Percent	38%, 96%, 91%
CMY	0.6151, 0.0353, 0.0901
CMYK	0.60, 0.00, 0.06, 0.04
HSL	174°, 89%, 67%
HSV	174°, 60%, 96%
XYZ	52.5712, 74.3344, 87.9337
YIQ	200.1520, -83.7140, -35.7300

Conversions

Conversions Part 2

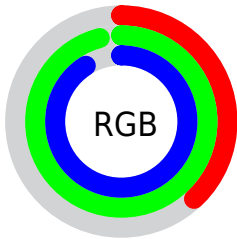
Format	Color
R_{YB}	98, 176, 246
Decimal	6485736
CIE _{Lab}	89.08, -42.50, -5.08
CIE _{LCh}	89, 42.804, 186.811
Yxy	74.3344, 0.2447, 0.3460
Android (android.graphics.Color)	4284675816 (0xFF62F6E8)
YUV	200.1520, 15.7011, -89.5873
Hunter-Lab	86.2174, -42.0398, -0.1181

Details

The Yxy color **74.3344, 0.2447, 0.3460** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **29.5257, 0.4846, 0.3157**, and the grayscale version is **57.8223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4214, 0.2615, 0.3288**, and **39.5298, 0.2306, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **73.0392, 0.2390, 0.3493**, and if you desaturate by 10%, it is **76.0576, 0.2523, 0.3428**.

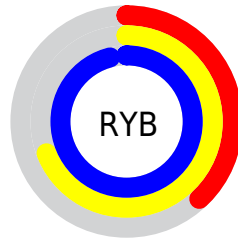
Distribution



Red (38%)

Green (96%)

Blue (91%)



Red (38%)

Yellow (69%)

Blue (96%)

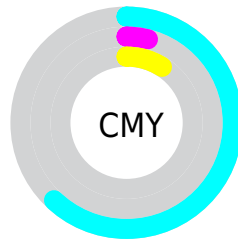


Cyan (60%)

Magenta (0%)

Yellow (6%)

Black (4%)



Cyan (62%)

Magenta (4%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3344, 0.2447, 0.3460 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 74.3344, 0.2447, 0.3460 by changing the saturation by 10% instead.


 74.3344, 0.2447,
0.3460


 74.3344, 0.2447,
0.3460


475.6267, 0.2755,
0.3387

 55.0678, 0.2378,
0.3475


 125.3697, 0.2553,
0.3436

 39.4560, 0.2294,
0.3493

 157.9072, 0.2594,
0.3426

 27.1146, 0.2190,
0.3515


 195.6371, 0.2630,
0.3418

 17.6593, 0.2056,
0.3541

238.9439, 0.2661,
0.3410

 10.7057, 0.1879,
0.3573

288.2118, 0.2689,
0.3403

 5.8693, 0.1636,
0.3611

343.8253, 0.2714,

 2.7658, 0.1289,

0.3397

0.3650

406.1688, 0.2736,
0.3392

1.0107, 0.0000,
0.3970

0.0000, 0.0000,
0.0000

74.3344, 0.2447,
0.3460

74.3344, 0.2447,
0.3460

73.0392, 0.2390,
0.3493

76.0576, 0.2523,
0.3428

72.1234, 0.2353,
0.3525

78.2350, 0.2618,
0.3397


71.5425, 0.2334,
0.3558

80.9008, 0.2728,
0.3367


71.2193, 0.2331,
0.3590


84.0834, 0.2851,
0.3340

 87.8092, 0.2985,
0.3314

 92.1025, 0.3126,
0.3290

 93.9607, 0.3171,
0.3268

 94.1061, 0.3157,
0.3246

 94.2533, 0.3143,
0.3224

Harmonies

Analogous

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



74.3344, 0.2854, 0.3943



74.3344, 0.2447, 0.3460



74.3344, 0.2227, 0.2967

Triad

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



74.3344, 0.2447, 0.3460



74.3344, 0.2837, 0.2530



74.3344, 0.4106, 0.3872

Complementary

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



74.3344, 0.2447, 0.3460



29.5257, 0.4846, 0.3157

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.



74.3344, 0.4119, 0.3482



74.3344, 0.2447, 0.3460



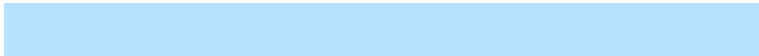
74.3344, 0.3351, 0.2746

Square

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



74.3344, 0.2447, 0.3460



74.3344, 0.2438, 0.2480



74.3344, 0.3835, 0.3083



74.3344, 0.3817, 0.4154

Rectangle

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



74.3344, 0.2447, 0.3460



74.3344, 0.2202, 0.2716



74.3344, 0.3835, 0.3083



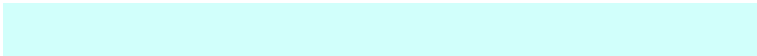
74.3344, 0.4144, 0.3748

Sweetspot

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



74.3373, 0.2447, 0.3460



92.0337, 0.2878, 0.3334



70.2959, 0.3104, 0.5199



19.4631, 0.2840, 0.3342



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.



74.3373, 0.2447, 0.3460



79.0273, 0.2381, 0.3499



44.7355, 0.2216, 0.2515



18.7292, 0.2993, 0.3312



38.0291, 0.2329, 0.3584



3.3501, 0.2318, 0.3544

Inverse Universe

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



29.5257, 0.4846, 0.3157



26.5346, 0.5396, 0.3160



44.6851, 0.4571, 0.3904



16.5079, 0.3279, 0.3268



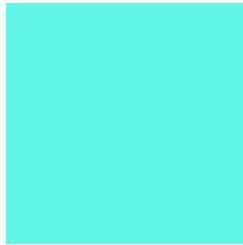
10.5002, 0.6294, 0.3241



0.9313, 0.6069, 0.3117

Previews

White Background



This preview shows how the Yxy color 74.3344, 0.2447, 0.3460 looks on a white background.

Color Contrast Check

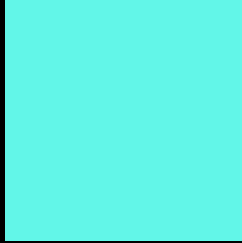
Large Text (above 18pt) WCAG AA × Fail

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 74.3344, 0.2447, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

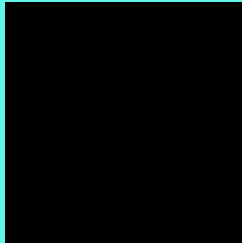
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3344, 0.2447, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 74.3344, 0.2447, 0.3460.

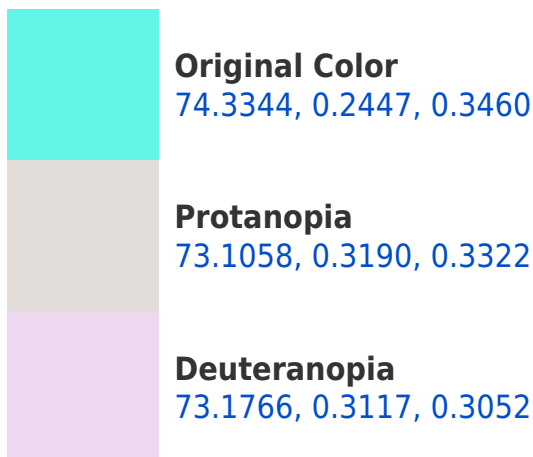


This preview shows how white text looks on a background with the Yxy color 74.3344, 0.2447, 0.3460.

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

73.7723, 0.2477, 0.3092

Trichromacy



Original Color

74.3344, 0.2447, 0.3460



Protanomaly

71.6246, 0.2844, 0.3370



Deuteranomaly

71.4334, 0.2805, 0.3187



Tritanomaly

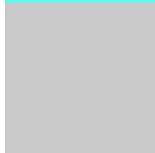
73.9111, 0.2462, 0.3217

Monochromacy



Original Color

74.3344, 0.2447, 0.3460



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

62.1657, 0.2792, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3344, 0.2447, 0.3460 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(98, 246, 232)` looks like.

```
.text, #text, p{  
    color:rgb(98, 246, 232)  
}
```

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(98, 246, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 246, 232) }
```

Border

The CSS property to change the border of an element to Yxy 74.3344, 0.2447, 0.3460 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(98, 246, 232) }
```

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

```
.border{ border-color:rgb(98, 246, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 246, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 246, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 246, 232);  
box-shadow:4px 4px 4px 4px rgb(98, 246,  
232) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 74.3344, 0.2447, 0.3460$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 246, 232) }
```

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

```
.background{ background-color: rgb(98, 246,  
232) }
```

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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