

Converting Colors

$Y_{xy}(74.0150, 0.2632, 0.3400)$

Have a look what the booklet for
Yxy(74.0150, 0.2632, 0.3400)
contains.

Yxy(74.1443, 0.2633, 0.3407)	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(74.1443, 0.2633, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	92F0E6
RGB	146, 240, 230
RGB Percent	57%, 94%, 90%
CMY	0.4275, 0.0588, 0.0979
CMYK	0.39, 0.00, 0.04, 0.06
HSL	174°, 76%, 76%
HSV	174°, 39%, 94%
XYZ	57.3002, 74.1443, 86.1789
YIQ	210.7540, -52.8140, -23.0380

Conversions

Conversions Part 2

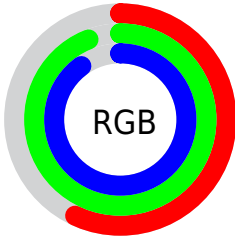
Format	Color
R_{YB}	146, 196, 240
Decimal	9629926
CIE Lab	88.99, -30.16, -3.98
CIE LCh	89, 30.422, 187.525
Yxy	74.1443, 0.2633, 0.3407
Android (android.graphics.Color)	4287820006 (0xFF92F0E6)
YUV	210.7540, 9.4883, -56.7893
Hunter-Lab	86.1071, -31.9040, 0.9355

Details

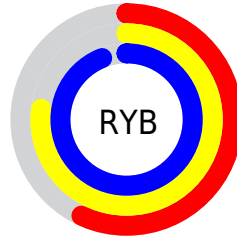
The Yxy color **74.1443, 0.2633, 0.3407** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **41.4822, 0.4004, 0.3181**, and the grayscale version is **64.9356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **39.5000, 0.2518, 0.3430** is the 20% darker color. If you saturate the color by 10%, you get **72.0319, 0.2538, 0.3442**, and if you desaturate by 10%, it is **76.7264, 0.2743, 0.3374**.

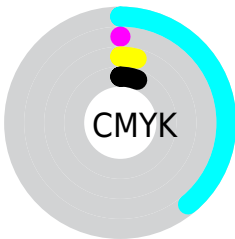
Distribution



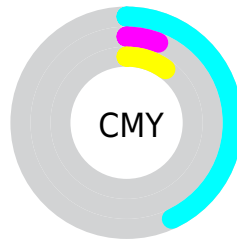
- Red (57%)
- Green (94%)
- Blue (90%)



- Red (57%)
- Yellow (77%)
- Blue (94%)



- Cyan (39%)
- Magenta (0%)
- Yellow (4%)
- Black (6%)




- Cyan (43%)
- Magenta (6%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1443, 0.2633, 0.3407 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 74.1443, 0.2633, 0.3407 by changing the saturation by 10% instead.


 74.1443, 0.2633,
0.3407


 74.1443, 0.2633,
0.3407


474.9712, 0.2859,
0.3356

 54.9122, 0.2582,
0.3418


 125.1003, 0.2711,
0.3390

 39.3314, 0.2520,
0.3431


 157.5930, 0.2741,
0.3383

 27.0176, 0.2442,
0.3447


195.2747, 0.2767,
0.3377

 17.5865, 0.2341,
0.3467

238.5297, 0.2790,
0.3372

 10.6535, 0.2206,
0.3492

287.7425, 0.2810,
0.3367

 5.8344, 0.2017,
0.3524


343.2974, 0.2828,

 2.7446, 0.1735,


0.3363


405.5788, 0.2844,
0.3359


0.3564

 0.9999, 0.0798,
0.3803


 0.0000, 0.0000,
0.0000


 74.1443, 0.2633,
0.3407


 74.1443, 0.2633,
0.3407


 72.0319, 0.2538,
0.3442


 76.7264, 0.2743,
0.3374


 70.3511, 0.2461,
0.3478


 79.7958, 0.2866,
0.3343

 69.0724, 0.2403,
0.3515

 83.3802, 0.2999,
0.3314


 68.1590, 0.2364,
0.3552


 87.5024, 0.3139,
0.3288

 67.5668, 0.2345,
0.3588

 90.0376, 0.3209,
0.3263

 67.2284, 0.2341,
0.3625

 90.1922, 0.3193,
0.3239

 67.2047, 0.2341,
0.3628

 90.3490, 0.3178,
0.3214

 90.5079, 0.3162,
0.3190

 90.6690, 0.3146,
0.3166

Harmonies

Analogous

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



74.1443, 0.2930, 0.3737



74.1443, 0.2633, 0.3407



74.1443, 0.2470, 0.3063

Triad

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



74.1443, 0.2633, 0.3407



74.1443, 0.2932, 0.2735



74.1443, 0.3824, 0.3729

Complementary

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



74.1443, 0.2633, 0.3407



41.4822, 0.4004, 0.3181

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.



74.1443, 0.3832, 0.3450



74.1443, 0.2633, 0.3407



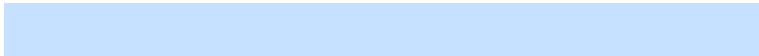
74.1443, 0.3300, 0.2897

Square

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



74.1443, 0.2633, 0.3407



74.1443, 0.2634, 0.2699



74.1443, 0.3636, 0.3153



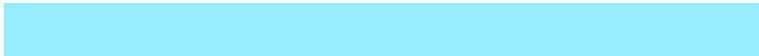
74.1443, 0.3621, 0.3913

Rectangle

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



74.1443, 0.2633, 0.3407



74.1443, 0.2452, 0.2880



74.1443, 0.3636, 0.3153



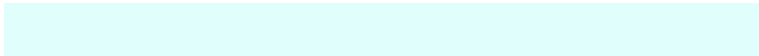
74.1443, 0.3851, 0.3642

Sweetspot

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



74.1472, 0.2633, 0.3407



94.4441, 0.2960, 0.3322



71.5612, 0.3137, 0.4468



20.0971, 0.2943, 0.3326



0.0000, 0.0000, 0.0000



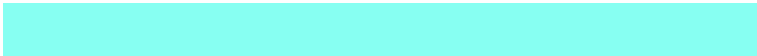
21.4041, 0.3127, 0.3290

Same Dimension

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



74.1472, 0.2633, 0.3407



83.1118, 0.2556, 0.3435



55.5725, 0.2517, 0.2845



17.8984, 0.2995, 0.3315



36.8002, 0.2339, 0.3622



3.0697, 0.2326, 0.3574

Inverse Universe

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



41.4822, 0.4004, 0.3181



40.7634, 0.4286, 0.3162



54.0705, 0.3949, 0.3691



15.7861, 0.3277, 0.3265



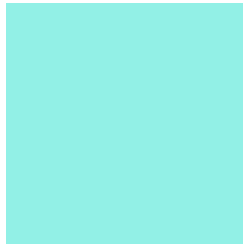
10.1896, 0.6275, 0.3230



0.8567, 0.6017, 0.3088

Previews

White Background



This preview shows how the Yxy color 74.1443, 0.2633, 0.3407 looks on a white background.

Color Contrast Check

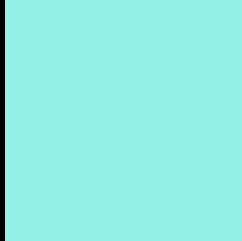
Large Text (above 18pt) WCAG AA × Fail

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 74.1443, 0.2633, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

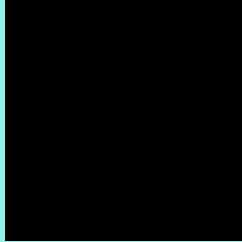
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1443, 0.2633, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 74.1443, 0.2633, 0.3407.

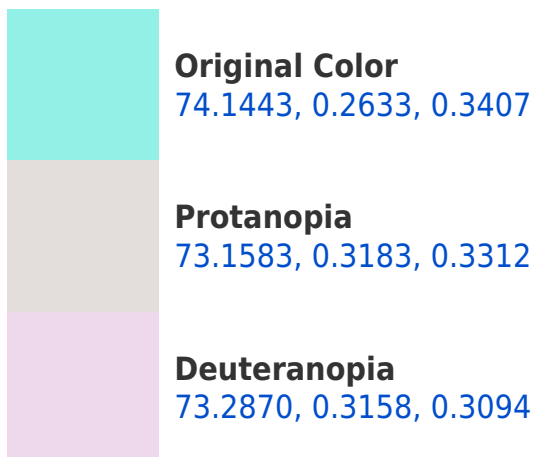


This preview shows how white text looks on a background with the Yxy color 74.1443, 0.2633, 0.3407.

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

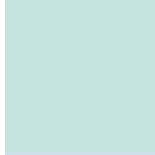
73.9832, 0.2540, 0.3072

Trichromacy



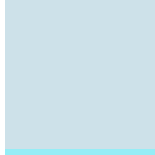
Original Color

74.1443, 0.2633, 0.3407



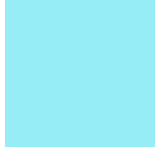
Protanomaly

72.8203, 0.2957, 0.3346



Deuteranomaly

72.7128, 0.2942, 0.3201



Tritanomaly

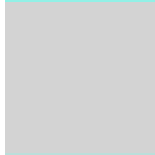
73.7062, 0.2570, 0.3184

Monochromacy



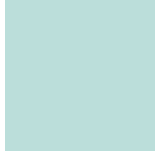
Original Color

74.1443, 0.2633, 0.3407



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.8693, 0.2913, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1443, 0.2633, 0.3407 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(146, 240, 230)` looks like.

```
.text, #text, p{  
    color:rgb(146, 240, 230)  
}
```

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(146, 240, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 240, 230) }
```

Border

The CSS property to change the border of an element to Yxy 74.1443, 0.2633, 0.3407 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(146, 240, 230) }
```

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

```
.border{ border-color:rgb(146, 240, 230) }
```

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

Here you see how a box with a 4 pixel rgb(146, 240, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 240, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 240, 230);  
box-shadow:4px 4px 4px 4px rgb(146, 240,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1443, 0.2633, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 240, 230) }
```

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

```
.background{ background-color: rgb(146,  
240, 230) }
```

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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