

Converting Colors

$Y_{xy}(73.4691, 0.2665, 0.3777)$

Have a look what the booklet for
Yxy(73.4691, 0.2665, 0.3777)
contains.

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Color

Yxy(73.4691, 0.2665, 0.3777)

Conversions

Conversions Part 1

Format	Color
Hex	7DF4CD
RGB	125, 244, 205
RGB Percent	49%, 96%, 80%
CMY	0.5094, 0.0432, 0.1961
CMYK	0.49, 0.00, 0.16, 0.04
HSL	160°, 84%, 72%
HSV	160°, 49%, 96%
XYZ	51.8388, 73.4691, 69.2092
YIQ	203.9730, -58.4050, -37.3570

Conversions

Conversions Part 2

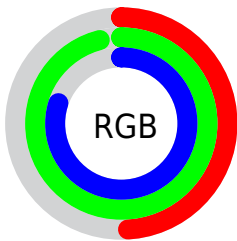
Format	Color
RYB	125, 196, 244
Decimal	8254669
CIELab	88.67, -42.65, 8.51
CIELCh	89, 43.492, 168.722
Yxy	73.4691, 0.2665, 0.3777
Android (android.graphics.Color)	4286444749 (0xFF7DF4CD)
YUV	203.9730, 0.5063, -69.2593
Hunter-Lab	85.7141, -42.0452, 12.1266

Details

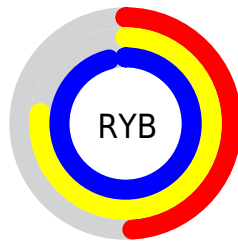
The Yxy color **73.4691, 0.2665, 0.3777** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **36.6085, 0.4029, 0.2871**, and the grayscale version is **60.4071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9303, 0.2721, 0.3289**, and **38.8650, 0.2553, 0.3895** is the 20% darker color. If you saturate the color by 10%, you get **71.4773, 0.2605, 0.3899**, and if you desaturate by 10%, it is **75.9376, 0.2741, 0.3661**.

Distribution



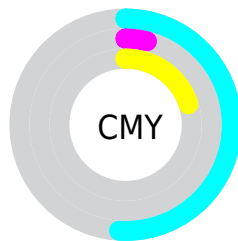
- Red (49%)
- Green (96%)
- Blue (80%)



- Red (49%)
- Yellow (77%)
- Blue (96%)



- Cyan (49%)
- Magenta (0%)
- Yellow (16%)
- Black (4%)





- Cyan (51%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4691, 0.2665, 0.3777 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 73.4691, 0.2665, 0.3777 by changing the saturation by 10% instead.


 73.4691, 0.2665,
0.3777


 73.4691, 0.2665,
0.3777


472.6390, 0.2881,
0.3545


 54.3596, 0.2615,
0.3832


 124.1429, 0.2740,
0.3695

 38.8892, 0.2553,
0.3900


 156.4761, 0.2770,
0.3664

 26.6736, 0.2475,
0.3988


 193.9859, 0.2795,
0.3637

 17.3282, 0.2371,
0.4106

237.0568, 0.2817,
0.3613

 10.4688, 0.2229,
0.4270

286.0732, 0.2836,
0.3593

 5.7109, 0.2025,
0.4515

341.4194, 0.2853,

 2.6701, 0.1705,

0.3575

0.4917

403.4799, 0.2868,
0.3559

0.9620, 0.0000,
0.6810

0.0000, 0.0000,
0.0000

73.4691, 0.2665,
0.3777

73.4691, 0.2665,
0.3777

71.4773, 0.2605,
0.3899

75.9376, 0.2741,
0.3661

69.9196, 0.2563,
0.4024


78.9044, 0.2829,
0.3553

68.7601, 0.2542,
0.4151


82.4005, 0.2928,
0.3453


67.9534, 0.2541,
0.4278

86.4515, 0.3032,
0.3362

 67.4330, 0.2558,
0.4403

 91.0816, 0.3141,
0.3280

 67.3759, 0.2561,
0.4419

 93.0488, 0.3144,
0.3204

 93.1762, 0.3132,
0.3185

Harmonies

Analogous

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



73.4691, 0.3152, 0.4156



73.4691, 0.2665, 0.3777



73.4691, 0.2319, 0.3252

Triad

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



73.4691, 0.2665, 0.3777



73.4691, 0.2566, 0.2464



73.4691, 0.4171, 0.3648

Complementary

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



73.4691, 0.2665, 0.3777



36.6085, 0.4029, 0.2871

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.



73.4691, 0.3997, 0.3236



73.4691, 0.2665, 0.3777



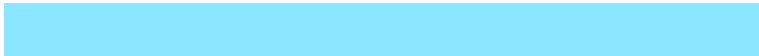
73.4691, 0.3031, 0.2586

Square

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



73.4691, 0.2665, 0.3777



73.4691, 0.2270, 0.2528



73.4691, 0.3565, 0.2860



73.4691, 0.4037, 0.4016

Rectangle

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



73.4691, 0.2665, 0.3777



73.4691, 0.2204, 0.2932



73.4691, 0.3565, 0.2860



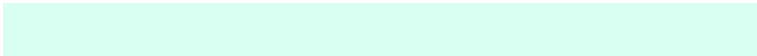
73.4691, 0.4148, 0.3511

Sweetspot

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



73.4720, 0.2665, 0.3777



92.6718, 0.2966, 0.3419



74.1502, 0.3288, 0.4732



19.6397, 0.2944, 0.3438



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.



73.4720, 0.2665, 0.3777



79.1327, 0.2608, 0.3891



64.3052, 0.2440, 0.3046



18.6600, 0.3024, 0.3369



36.6645, 0.2555, 0.4399



3.2413, 0.2512, 0.4242

Inverse Universe

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



36.6085, 0.4029, 0.2871



34.1830, 0.4310, 0.2807



40.9406, 0.4381, 0.3508



16.5721, 0.3242, 0.3213



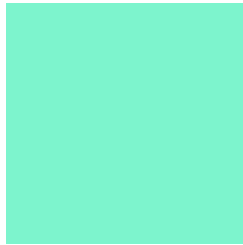
10.7953, 0.5662, 0.2893



0.9670, 0.5311, 0.2699

Previews

White Background



This preview shows how the Yxy color 73.4691, 0.2665, 0.3777 looks on a white background.

Color Contrast Check

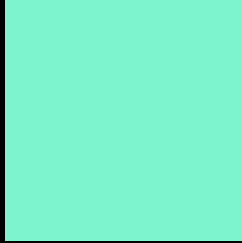
Large Text (above 18pt) WCAG AA × Fail

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 73.4691, 0.2665, 0.3777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

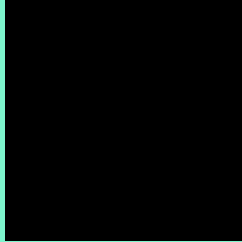
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.4691, 0.2665, 0.3777

Background



This preview shows how black text looks on a background with the Yxy color 73.4691, 0.2665, 0.3777.



This preview shows how white text looks on a background with the Yxy color 73.4691, 0.2665, 0.3777.

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

73.4691, 0.2665, 0.3777

Protanopia

72.7190, 0.3398, 0.3594

Deuteranopia

72.3891, 0.3387, 0.3322



Tritanopia

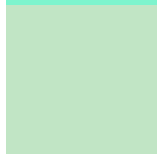
73.0505, 0.2495, 0.3069

Trichromacy



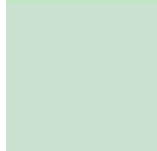
Original Color

73.4691, 0.2665, 0.3777



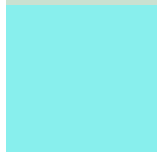
Protanomaly

71.4073, 0.3083, 0.3663



Deuteranomaly

71.0104, 0.3070, 0.3472



Tritanomaly

73.0817, 0.2552, 0.3312

Monochromacy



Original Color

73.4691, 0.2665, 0.3777



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

64.1366, 0.2919, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4691, 0.2665, 0.3777 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(125, 244, 205)` looks like.

```
.text, #text, p{  
    color:rgb(125, 244, 205)  
}
```

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(125, 244, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 244, 205) }
```

Border

The CSS property to change the border of an element to Yxy 73.4691, 0.2665, 0.3777 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(125, 244, 205) }
```

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

```
.border{ border-color:rgb(125, 244, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 244, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 244, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 244, 205);  
box-shadow:4px 4px 4px 4px rgb(125, 244,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4691, 0.2665, 0.3777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 244, 205) }
```

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

```
.background{ background-color: rgb(125,  
244, 205) }
```

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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