

Converting Colors

$Y_{xy}(74.6475, 0.2605, 0.3696)$

Have a look what the booklet for
Yxy(74.6475, 0.2605, 0.3696)
contains.

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Color

Yxy(74.6376, 0.2605, 0.3699)

Conversions

Conversions Part 1

Format	Color
Hex	77F6D5
RGB	119, 246, 213
RGB Percent	47%, 96%, 84%
CMY	0.5337, 0.0352, 0.1648
CMYK	0.52, 0.00, 0.13, 0.04
HSL	164°, 88%, 72%
HSV	164°, 52%, 96%
XYZ	52.5631, 74.6376, 74.5771
YIQ	204.2650, -65.0990, -37.1870

Conversions

Conversions Part 2

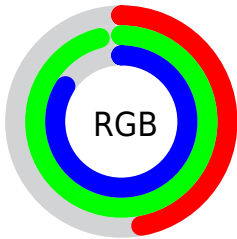
Format	Color
R _Y B	119, 192, 246
Decimal	7861973
CIE Lab	89.22, -43.14, 5.12
CIE LCh	89, 43.441, 173.229
Yxy	74.6376, 0.2605, 0.3699
Android (android.graphics.Color)	4286052053 (0xFF77F6D5)
YUV	204.2650, 4.3064, -74.7774
Hunter-Lab	86.3931, -42.5852, 9.2942

Details

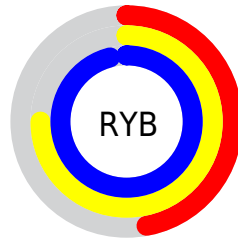
The Yxy color **74.6376, 0.2605, 0.3699** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **35.0341, 0.4220, 0.2942**, and the grayscale version is **60.5506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3237, 0.2696, 0.3289**, and **39.6481, 0.2485, 0.3806** is the 20% darker color. If you saturate the color by 10%, you get **72.8027, 0.2544, 0.3794**, and if you desaturate by 10%, it is **76.9415, 0.2683, 0.3608**.

Distribution



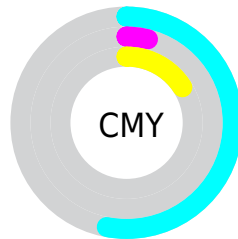
- Red (47%)
- Green (96%)
- Blue (84%)



- Red (47%)
- Yellow (75%)
- Blue (96%)



- Cyan (52%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)




- Cyan (53%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6376, 0.2605, 0.3699 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 74.6376, 0.2605, 0.3699 by changing the saturation by 10% instead.


 74.6376, 0.2605,
0.3699

 74.6376, 0.2605,
0.3699


476.6710, 0.2846,
0.3507

 55.3161, 0.2550,
0.3744


 125.7992, 0.2689,
0.3632

 39.6548, 0.2482,
0.3799


 158.4081, 0.2721,
0.3606

 27.2695, 0.2397,
0.3870


 196.2149, 0.2749,
0.3584

 17.7757, 0.2285,
0.3963

239.6040, 0.2774,
0.3564

 10.7891, 0.2135,
0.4091

288.9597, 0.2795,
0.3547

 5.9252, 0.1921,
0.4279

344.6665, 0.2814,

 2.7997, 0.1596,

0.3532

0.4577

407.1089, 0.2831,
0.3519

■ 1.0281, 0.0000,
0.5770

■ 0.0000, 0.0000,
0.0000

■ 74.6376, 0.2605,
0.3699

■ 74.6376, 0.2605,
0.3699

■ 72.8027, 0.2544,
0.3794

■ 76.9415, 0.2683,
0.3608

■ 71.3922, 0.2503,
0.3892


■ 79.7375, 0.2775,
0.3521

■ 70.3680, 0.2482,
0.3991


■ 83.0574, 0.2878,
0.3441

■ 69.6810, 0.2481,
0.4089

■ 86.9281, 0.2990,
0.3367

 69.3022, 0.2492,
0.4170

 91.3744, 0.3107,
0.3300

 94.1681, 0.3153,
0.3239

 94.4012, 0.3131,
0.3204

Harmonies

Analogous

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



74.6376, 0.3075, 0.4111



74.6376, 0.2605, 0.3699



74.6376, 0.2290, 0.3176

Triad

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



74.6376, 0.2605, 0.3699



74.6376, 0.2630, 0.2475



74.6376, 0.4164, 0.3706

Complementary

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



74.6376, 0.2605, 0.3699



35.0341, 0.4220, 0.2942

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.



74.6376, 0.4037, 0.3297



74.6376, 0.2605, 0.3699



74.6376, 0.3111, 0.2622

Square

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



74.6376, 0.2605, 0.3699



74.6376, 0.2306, 0.2510



74.6376, 0.3637, 0.2914



74.6376, 0.3988, 0.4056

Rectangle

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



74.6376, 0.2605, 0.3699



74.6376, 0.2197, 0.2872



74.6376, 0.3637, 0.2914



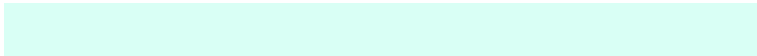
74.6376, 0.4156, 0.3572

Sweetspot

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



74.6406, 0.2605, 0.3699



92.8297, 0.2952, 0.3391



74.0047, 0.3238, 0.4853



19.6780, 0.2928, 0.3407



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.



74.6406, 0.2605, 0.3699



78.9066, 0.2542, 0.3799



59.8665, 0.2385, 0.2921



18.6800, 0.3015, 0.3352



37.0096, 0.2487, 0.4153



3.2695, 0.2453, 0.4031

Inverse Universe

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



35.0341, 0.4220, 0.2942



31.6254, 0.4586, 0.2896



42.2851, 0.4440, 0.3610



16.5532, 0.3253, 0.3229



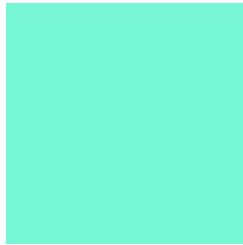
10.6744, 0.5900, 0.3024



0.9543, 0.5549, 0.2830

Previews

White Background



This preview shows how the Yxy color 74.6376, 0.2605, 0.3699 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 74.6376, 0.2605, 0.3699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

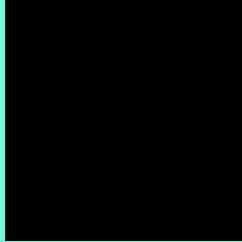
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.6376, 0.2605, 0.3699

Background



This preview shows how black text looks on a background with the Yxy color 74.6376, 0.2605, 0.3699.

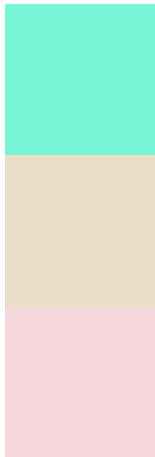


This preview shows how white text looks on a background with the Yxy color 74.6376, 0.2605, 0.3699.

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

74.6376, 0.2605, 0.3699

Protanopia

73.5685, 0.3348, 0.3527

Deuteranopia

73.1807, 0.3314, 0.3239



Tritanopia

74.5721, 0.2517, 0.3094

Trichromacy



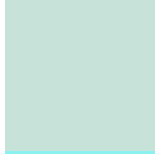
Original Color

74.6376, 0.2605, 0.3699



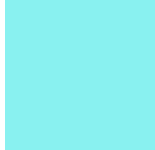
Protanomaly

72.6360, 0.3020, 0.3591



Deuteranomaly

71.5446, 0.3000, 0.3392



Tritanomaly

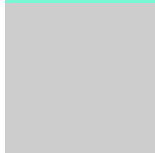
74.5202, 0.2546, 0.3300

Monochromacy



Original Color

74.6376, 0.2605, 0.3699



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

64.0523, 0.2887, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6376, 0.2605, 0.3699 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(119, 246, 213)` looks like.

```
.text, #text, p{  
    color:rgb(119, 246, 213)  
}
```

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(119, 246, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 246, 213) }
```

Border

The CSS property to change the border of an element to Yxy 74.6376, 0.2605, 0.3699 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(119, 246, 213) }
```

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

```
.border{ border-color:rgb(119, 246, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 246, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 246, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 246, 213);  
box-shadow:4px 4px 4px 4px rgb(119, 246,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6376, 0.2605, 0.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 246, 213) }
```

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

```
.background{ background-color: rgb(119,  
246, 213) }
```

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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