

Converting Colors

Yxy(71.6414, 0.2450, 0.3464)

Have a look what the booklet for
Yxy(71.6414, 0.2450, 0.3464)
contains.

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Color

Yxy(71.6471, 0.2450, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	61F2E4
RGB	97, 242, 228
RGB Percent	38%, 95%, 89%
CMY	0.6194, 0.0510, 0.1059
CMYK	0.60, 0.00, 0.06, 0.05
HSL	174°, 85%, 66%
HSV	174°, 60%, 95%
XYZ	50.6888, 71.6471, 84.5572
YIQ	197.0490, -81.9260, -35.0940

Conversions

Conversions Part 2

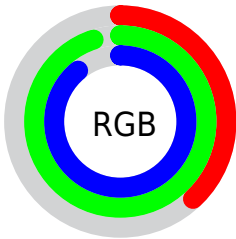
Format	Color
R _Y B	97, 173, 242
Decimal	6419172
CIE Lab	87.80, -41.93, -4.87
CIE LCh	88, 42.217, 186.626
Yxy	71.6471, 0.2450, 0.3463
Android (android.graphics.Color)	4284609252 (0xFF61F2E4)
YUV	197.0490, 15.2588, -87.7430
Hunter-Lab	84.6446, -41.2346, 0.0224

Details

The Yxy color **71.6471, 0.2450, 0.3463** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **28.5840, 0.4830, 0.3154**, and the grayscale version is **55.8178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3171, 0.2610, 0.3288**, and **37.7151, 0.2302, 0.3489** is the 20% darker color. If you saturate the color by 10%, you get **70.3875, 0.2393, 0.3496**, and if you desaturate by 10%, it is **73.3194, 0.2527, 0.3430**.

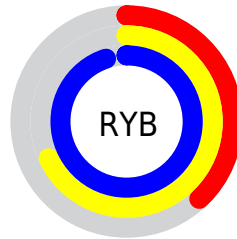
Distribution



Red (38%)

Green (95%)

Blue (89%)



Red (38%)

Yellow (68%)

Blue (95%)

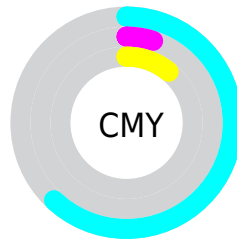


Cyan (60%)

Magenta (0%)

Yellow (6%)

Black (5%)



Cyan (62%)


Magenta (5%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.6471, 0.2450, 0.3463 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 71.6471, 0.2450, 0.3463 by changing the saturation by 10% instead.


 71.6471, 0.2450,
0.3463

 71.6471, 0.2450,
0.3463


466.3124, 0.2759,
0.3388

 52.8704, 0.2381,
0.3479


 121.5547, 0.2556,
0.3438

 37.6994, 0.2296,
0.3498


 153.4544, 0.2598,
0.3428

 25.7494, 0.2189,
0.3520


 190.4972, 0.2634,
0.3419

 16.6363, 0.2053,
0.3548

233.0676, 0.2665,
0.3412

 9.9755, 0.1871,
0.3582

281.5499, 0.2693,
0.3405

 5.3827, 0.1620,
0.3622

336.3285, 0.2718,

 2.4735, 0.1258,

0.3399

397.7879, 0.2739,
0.3393

0.3665

0.8633, 0.0000,
0.3961

0.0000, 0.0000,
0.0000

71.6471, 0.2450,
0.3463

71.6471, 0.2450,
0.3463

70.3875, 0.2393,
0.3496

73.3194, 0.2527,
0.3430

69.4940, 0.2355,
0.3530


75.4295, 0.2621,
0.3399

68.9241, 0.2336,
0.3563

78.0100, 0.2731,
0.3368


68.6022, 0.2332,
0.3596


81.0883, 0.2854,
0.3340


 68.5994, 0.2332,
0.3596

 84.6897, 0.2988,
0.3314

 88.8376, 0.3129,
0.3290

 91.3179, 0.3198,
0.3267

 91.4610, 0.3184,
0.3245

 91.6060, 0.3169,
0.3222

Harmonies

Analogous

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



71.6471, 0.2857, 0.3945



71.6471, 0.2450, 0.3463



71.6471, 0.2229, 0.2970

Triad

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



71.6471, 0.2450, 0.3463



71.6471, 0.2835, 0.2530



71.6471, 0.4106, 0.3869

Complementary

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



71.6471, 0.2450, 0.3463



28.5840, 0.4830, 0.3154

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.



71.6471, 0.4117, 0.3480



71.6471, 0.2450, 0.3463



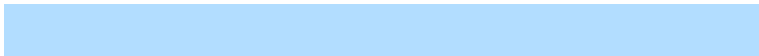
71.6471, 0.3347, 0.2745

Square

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



71.6471, 0.2450, 0.3463



71.6471, 0.2437, 0.2482



71.6471, 0.3831, 0.3081



71.6471, 0.3819, 0.4152

Rectangle

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



71.6471, 0.2450, 0.3463



71.6471, 0.2203, 0.2719



71.6471, 0.3831, 0.3081



71.6471, 0.4143, 0.3745

Sweetspot

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



71.6499, 0.2450, 0.3463



92.0277, 0.2878, 0.3335



67.7830, 0.3104, 0.5191



19.4616, 0.2841, 0.3343



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.



71.6499, 0.2450, 0.3463



79.0050, 0.2382, 0.3504



43.2436, 0.2219, 0.2519



17.9011, 0.2994, 0.3313



36.8635, 0.2331, 0.3591



3.0743, 0.2319, 0.3547

Inverse Universe

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



28.5840, 0.4830, 0.3154



26.5410, 0.5391, 0.3157



43.1933, 0.4563, 0.3902



15.7836, 0.3278, 0.3268



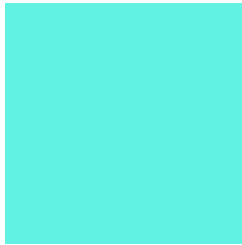
10.1838, 0.6290, 0.3238



0.8555, 0.6049, 0.3106

Previews

White Background



This preview shows how the Yxy color 71.6471, 0.2450, 0.3463 looks on a white background.

Color Contrast Check

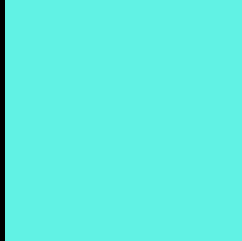
Large Text (above 18pt) WCAG AA × Fail

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 71.6471, 0.2450, 0.3463 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 71.6471, 0.2450, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 71.6471, 0.2450, 0.3463.

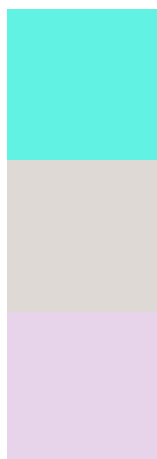


This preview shows how white text looks on a background with the Yxy color 71.6471, 0.2450, 0.3463.

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

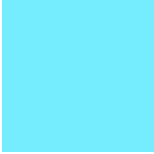
71.6471, 0.2450, 0.3463

Protanopia

70.1687, 0.3191, 0.3323

Deuteranopia

70.1833, 0.3123, 0.3059



Tritanopia

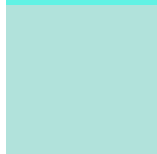
71.6399, 0.2396, 0.3075

Trichromacy



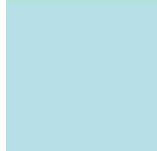
Original Color

71.6471, 0.2450, 0.3463



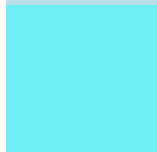
Protanomaly

68.8543, 0.2846, 0.3372



Deuteranomaly

68.6688, 0.2806, 0.3186



Tritanomaly

71.6406, 0.2414, 0.3215

Monochromacy



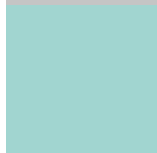
Original Color

71.6471, 0.2450, 0.3463



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

59.7196, 0.2799, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6471, 0.2450, 0.3463 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(97, 242, 228)` looks like.

```
.text, #text, p{  
    color:rgb(97, 242, 228)  
}
```

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(97, 242, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 242, 228) }
```

Border

The CSS property to change the border of an element to Yxy 71.6471, 0.2450, 0.3463 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(97, 242, 228) }
```

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

```
.border{ border-color:rgb(97, 242, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 242, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 242, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 242, 228);  
box-shadow:4px 4px 4px 4px rgb(97, 242,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6471, 0.2450, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 242, 228) }
```

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

```
.background{ background-color: rgb(97, 242,  
228) }
```

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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