

Converting Colors

$Yxy(72.5268, 0.2443, 0.3227)$

Have a look what the booklet for
Yxy(72.5268, 0.2443, 0.3227)
contains.

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Color

Yxy(72.6947, 0.2441, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	75F0F5
RGB	117, 240, 245
RGB Percent	46%, 94%, 96%
CMY	0.5415, 0.0588, 0.0391
CMYK	0.52, 0.02, 0.00, 0.04
HSL	182°, 87%, 71%
HSV	182°, 52%, 96%
XYZ	54.9714, 72.6947, 97.5343
YIQ	203.7930, -74.9130, -24.5210

Conversions

Conversions Part 2

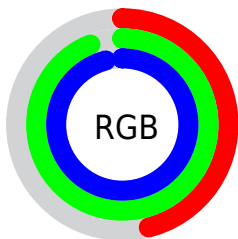
Format	Color
RYB	117, 180, 245
Decimal	7729397
CIELab	88.30, -32.99, -12.96
CIElCh	88, 35.449, 201.452
Yxy	72.6947, 0.2441, 0.3228
Android (android.graphics.Color)	4285919477 (0xFF75F0F5)
YUV	203.7930, 20.3151, -76.1175
Hunter-Lab	85.2612, -34.1207, -8.1418

Details

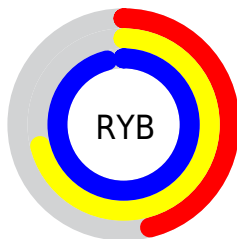
The Yxy color **72.6947, 0.2441, 0.3228** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **34.6001, 0.4625, 0.3347**, and the grayscale version is **60.1410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2050, 0.2691, 0.3289**, and **38.5835, 0.2290, 0.3208** is the 20% darker color. If you saturate the color by 10%, you get **70.6555, 0.2358, 0.3215**, and if you desaturate by 10%, it is **75.1864, 0.2543, 0.3241**.

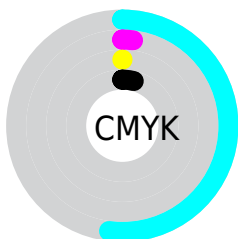
Distribution



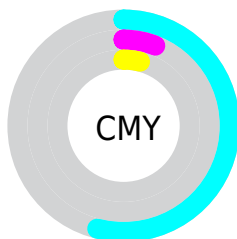
- Red (46%)
- Green (94%)
- Blue (96%)



- Red (46%)
- Yellow (71%)
- Blue (96%)



- Cyan (52%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (54%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.6947, 0.2441, 0.3228 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 72.6947, 0.2441, 0.3228 by changing the saturation by 10% instead.


 72.6947, 0.2441,
0.3228


 72.6947, 0.2441,
0.3228

469.9560, 0.2751,
0.3265


 53.7264, 0.2372,
0.3218


 123.0437, 0.2547,
0.3242

 38.3829, 0.2289,
0.3204


 155.1931, 0.2588,
0.3248

 26.2800, 0.2185,
0.3185


 192.5051, 0.2625,
0.3252

 17.0333, 0.2052,
0.3158

235.3639, 0.2656,
0.3255

 10.2582, 0.1878,
0.3116

284.1540, 0.2684,
0.3258

 5.5705, 0.1640,
0.3048


339.2598, 0.2709,

 2.5857, 0.1303,

0.3261

0.2925


401.0657, 0.2731,
0.3263

 0.9195, 0.0211,
0.2842


 0.0000, 0.0000,
0.0000


 72.6947, 0.2441,
0.3228


 72.6947, 0.2441,
0.3228


 70.6555, 0.2358,
0.3215


 75.1864, 0.2543,
0.3241


 69.0250, 0.2294,
0.3201

 78.1538, 0.2661,
0.3254


 67.7652, 0.2250,
0.3188

 81.6285, 0.2794,
0.3266

 66.8266, 0.2224,
0.3175

 85.6370, 0.2939,
0.3277

 66.2637, 0.2213,
0.3165

 90.2039, 0.3091,
0.3288

 93.6184, 0.3191,
0.3297

 94.2017, 0.3191,
0.3307

 94.7881, 0.3190,
0.3316

 95.3775, 0.3189,
0.3325

Harmonies

Analogous

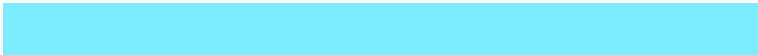
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.6947, 0.2718, 0.3648



72.6947, 0.2441, 0.3228



72.6947, 0.2341, 0.2864

Triad

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



72.6947, 0.2441, 0.3228



72.6947, 0.3092, 0.2718



72.6947, 0.3856, 0.3918

Complementary

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



72.6947, 0.2441, 0.3228



34.6001, 0.4625, 0.3347

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.



72.6947, 0.3982, 0.3628



72.6947, 0.2441, 0.3228



72.6947, 0.3525, 0.2960

Square

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



72.6947, 0.2441, 0.3228



72.6947, 0.2696, 0.2604



72.6947, 0.3860, 0.3284



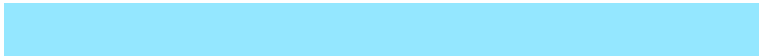
72.6947, 0.3534, 0.4059

Rectangle

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



72.6947, 0.2441, 0.3228



72.6947, 0.2380, 0.2702



72.6947, 0.3860, 0.3284



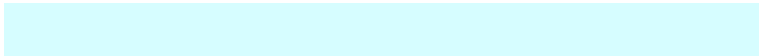
72.6947, 0.3924, 0.3833

Sweetspot

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



72.6975, 0.2441, 0.3228



92.0529, 0.2883, 0.3273



70.4780, 0.3030, 0.4915



19.5088, 0.2853, 0.3271



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.



72.6975, 0.2441, 0.3228



77.1970, 0.2352, 0.3214



41.6964, 0.2275, 0.2403



18.6402, 0.2981, 0.3280



35.7412, 0.2213, 0.3168



3.1753, 0.2218, 0.3184

Inverse Universe

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



38.4123, 0.3232, 0.2078



36.1499, 0.3254, 0.1887



55.4971, 0.4216, 0.4015



16.7565, 0.3144, 0.3066



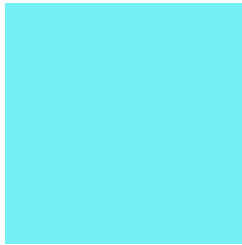
13.7075, 0.3309, 0.1597



1.2082, 0.3296, 0.1589

Previews

White Background



This preview shows how the Yxy color 72.6947, 0.2441, 0.3228 looks on a white background.

Color Contrast Check

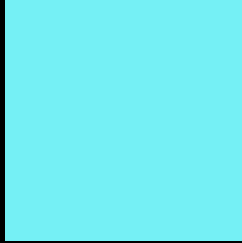
Large Text (above 18pt) WCAG AA × Fail

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 72.6947, 0.2441, 0.3228 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 72.6947, 0.2441, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 72.6947, 0.2441, 0.3228.

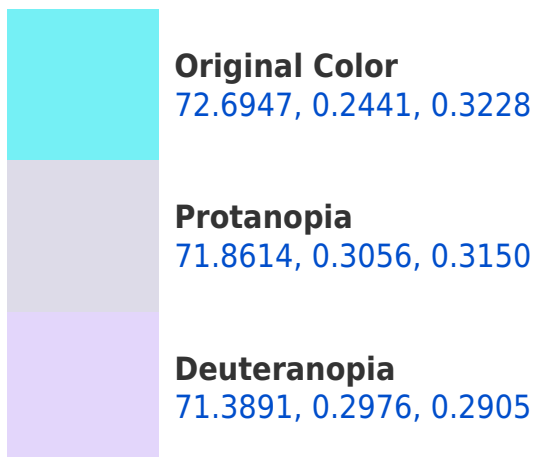


This preview shows how white text looks on a background with the Yxy color 72.6947, 0.2441, 0.3228.

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

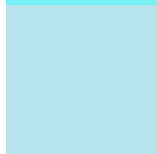
72.6137, 0.2446, 0.3078

Trichromacy



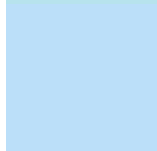
Original Color

72.6947, 0.2441, 0.3228



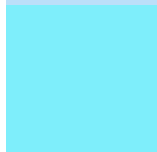
Protanomaly

71.1199, 0.2781, 0.3175



Deuteranomaly

70.1797, 0.2735, 0.3000



Tritanomaly

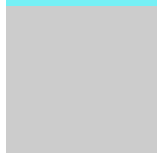
72.5497, 0.2445, 0.3135

Monochromacy



Original Color

72.6947, 0.2441, 0.3228



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

63.5108, 0.2808, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6947, 0.2441, 0.3228 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(117, 240, 245)` looks like.

```
.text, #text, p{  
    color:rgb(117, 240, 245)  
}
```

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(117, 240, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 240, 245) }
```

Border

The CSS property to change the border of an element to Yxy 72.6947, 0.2441, 0.3228 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(117, 240, 245) }
```

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

```
.border{ border-color:rgb(117, 240, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 240, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 240, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 240, 245); box-shadow:4px 4px 4px 4px rgb(117, 240, 245) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6947, 0.2441, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 240, 245) }
```

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

```
.background{ background-color: rgb(117,  
240, 245) }
```

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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