

Converting Colors

Yxy(52.9664, 0.2450, 0.3045)

Have a look what the booklet for
Yxy(52.9664, 0.2450, 0.3045)
contains.

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Color

Yxy(52.7575, 0.2446, 0.3037)

Conversions

Conversions Part 1

Format	Color
Hex	74CDE0
RGB	116, 205, 224
RGB Percent	45%, 80%, 88%
CMY	0.5450, 0.1961, 0.1215
CMYK	0.48, 0.08, 0.00, 0.12
HSL	191°, 64%, 67%
HSV	191°, 48%, 88%
XYZ	42.4909, 52.7575, 78.4674
YIQ	180.5550, -59.1430, -12.9590

Conversions

Conversions Part 2

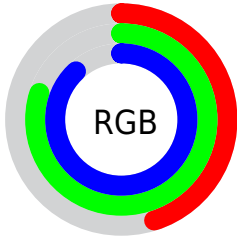
Format	Color
R _{YB}	116, 165, 224
Decimal	7654880
CIE Lab	77.73, -21.70, -17.70
CIE LCh	78, 28.006, 219.211
Yxy	52.7575, 0.2446, 0.3037
Android (android.graphics.Color)	4285844960 (0xFF74CDE0)
YUV	180.5550, 21.4184, -56.6147
Hunter-Lab	72.6344, -22.6881, -13.2074

Details

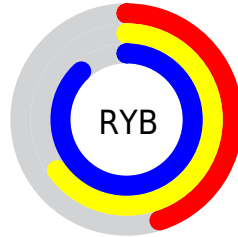
The Yxy color **52.7575, 0.2446, 0.3037** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.4465, 0.4346, 0.3517**, and the grayscale version is **45.8664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7387, 0.2671, 0.3289**, and **25.8100, 0.2274, 0.2964** is the 20% darker color. If you saturate the color by 10%, you get **49.5420, 0.2338, 0.2975**, and if you desaturate by 10%, it is **56.3946, 0.2569, 0.3096**.

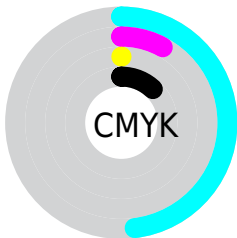
Distribution



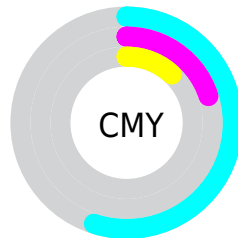
- Red (45%)
- Green (80%)
- Blue (88%)



- Red (45%)
- Yellow (65%)
- Blue (88%)



- Cyan (48%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (55%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7575, 0.2446, 0.3037 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 52.7575, 0.2446, 0.3037 by changing the saturation by 10% instead.

■ 52.7575, 0.2446,
0.3037

■ 52.7575, 0.2446,
0.3037

■ 397.3541, 0.2771,
0.3168

■ 37.6092, 0.2370,
0.3003

■ 94.2474, 0.2560,
0.3086

■ 25.6795, 0.2275,
0.2960

■ 121.3579, 0.2604,
0.3104

■ 16.5841, 0.2154,
0.2901

■ 153.2245, 0.2642,
0.3119

■ 9.9384, 0.1995,
0.2819

■ 190.2317, 0.2675,
0.3132

■ 5.3581, 0.1776,
0.2696

■ 232.7638, 0.2703,
0.3143

■ 2.4589, 0.1462,
0.2499

■ 281.2054, 0.2728,

■ 0.8559, 0.0731,

0.3152

0.2205

335.9406, 0.2751,
0.3161

0.0000, 0.0000,
0.0000

52.7575, 0.2446,
0.3037

52.7575, 0.2446,
0.3037

49.5420, 0.2338,
0.2975

56.3946, 0.2569,
0.3096

46.7148, 0.2248,
0.2912

60.4721, 0.2705,
0.3153

44.2467, 0.2177,
0.2848


65.0145, 0.2850,
0.3205

42.1012, 0.2126,
0.2785

70.0427, 0.3001,
0.3254

40.2259, 0.2092,
0.2722


75.5764, 0.3155,
0.3298

 39.9038, 0.2086,
0.2710

 81.6341, 0.3310,
0.3337

 84.6930, 0.3337,
0.3376

 86.9453, 0.3332,
0.3415

 89.2478, 0.3327,
0.3453

Harmonies

Analogous

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



52.7575, 0.2604, 0.3389



52.7575, 0.2446, 0.3037



52.7575, 0.2457, 0.2785

Triad

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



52.7575, 0.2446, 0.3037



52.7575, 0.3326, 0.2899



52.7575, 0.3620, 0.3938

Complementary

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



52.7575, 0.2446, 0.3037



34.4465, 0.4346, 0.3517

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.



52.7575, 0.3839, 0.3755



52.7575, 0.2446, 0.3037



52.7575, 0.3669, 0.3165

Square

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



52.7575, 0.2446, 0.3037



52.7575, 0.2945, 0.2725



52.7575, 0.3860, 0.3471



52.7575, 0.3275, 0.3941

Rectangle

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



52.7575, 0.2446, 0.3037



52.7575, 0.2557, 0.2698



52.7575, 0.3860, 0.3471



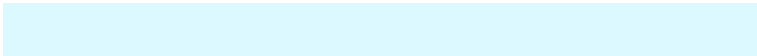
52.7575, 0.3711, 0.3893

Sweetspot

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



52.7595, 0.2446, 0.3037



89.9029, 0.2911, 0.3225



58.7508, 0.2963, 0.4561



18.9353, 0.2879, 0.3215



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.



52.7595, 0.2446, 0.3037



66.3730, 0.2336, 0.2974



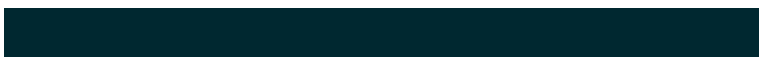
31.5597, 0.2305, 0.2281



15.1404, 0.2982, 0.3248



23.3776, 0.2089, 0.2720



1.7295, 0.2116, 0.2817

Inverse Universe

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



32.7528, 0.3374, 0.2301



37.4516, 0.3441, 0.2125



53.0814, 0.4022, 0.4115



13.8921, 0.3165, 0.3099



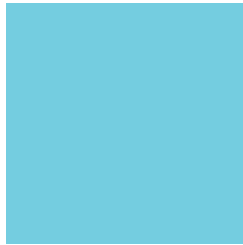
11.2680, 0.3709, 0.1817



0.7920, 0.3619, 0.1767

Previews

White Background



This preview shows how the Yxy color 52.7575, 0.2446, 0.3037 looks on a white background.

Color Contrast Check

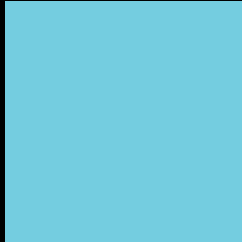
Large Text (above 18pt) WCAG AA × Fail

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 52.7575, 0.2446, 0.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

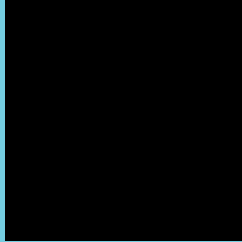
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7575, 0.2446, 0.3037

Background



This preview shows how black text looks on a background with the Yxy color 52.7575, 0.2446, 0.3037.



This preview shows how white text looks on a background with the Yxy color 52.7575, 0.2446, 0.3037.

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

52.7575, 0.2446, 0.3037

Protanopia

52.3733, 0.2936, 0.2998

Deuteranopia

52.3486, 0.2869, 0.2806



Tritanopia

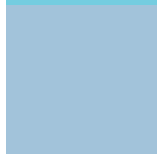
52.5814, 0.2451, 0.3062

Trichromacy



Original Color

52.7575, 0.2446, 0.3037



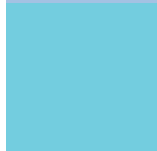
Protanomaly

51.7736, 0.2726, 0.2998



Deuteranomaly

52.0221, 0.2683, 0.2880



Tritanomaly

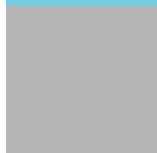
52.6352, 0.2446, 0.3050

Monochromacy



Original Color

52.7575, 0.2446, 0.3037



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

48.0262, 0.2821, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7575, 0.2446, 0.3037 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(116, 205, 224)` looks like.

```
.text, #text, p{  
    color:rgb(116, 205, 224)  
}
```

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(116, 205, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 205, 224) }
```

Border

The CSS property to change the border of an element to Yxy 52.7575, 0.2446, 0.3037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

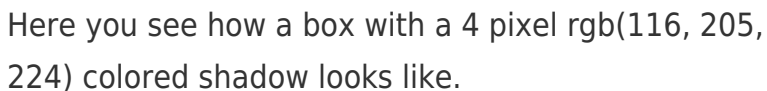
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 205, 224) }
```

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

```
.border{ border-color:rgb(116, 205, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 205, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 205, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 205, 224); box-shadow:4px 4px 4px 4px rgb(116, 205, 224) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7575, 0.2446, 0.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 205, 224) }
```

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

```
.background{ background-color: rgb(116,  
205, 224) }
```

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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