

Converting Colors

Yxy(51.6684, 0.2469, 0.2998)

Have a look what the booklet for
Yxy(51.6684, 0.2469, 0.2998)
contains.

Yxy(51.7605, 0.2468, 0.2998)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.7605, 0.2468, 0.2998)

Conversions

Conversions Part 1

Format	Color
Hex	7ACAE0
RGB	122, 202, 224
RGB Percent	48%, 79%, 88%
CMY	0.5213, 0.2079, 0.1215
CMYK	0.46, 0.10, 0.00, 0.12
HSL	193°, 62%, 68%
HSV	193°, 46%, 88%
XYZ	42.6100, 51.7605, 78.2796
YIQ	180.5880, -54.7420, -10.1180

Conversions

Conversions Part 2

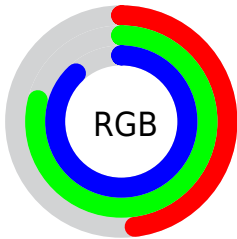
Format	Color
R _Y B	122, 167, 224
Decimal	8047328
CIE Lab	77.14, -18.78, -18.59
CIE LCh	77, 26.423, 224.700
Yxy	51.7605, 0.2468, 0.2998
Android (android.graphics.Color)	4286237408 (0xFF7ACAE0)
YUV	180.5880, 21.4021, -51.3817
Hunter-Lab	71.9448, -20.1849, -14.1492

Details

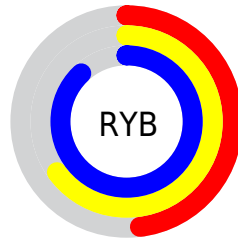
The Yxy color **51.7605, 0.2468, 0.2998** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.2339, 0.4224, 0.3554**, and the grayscale version is **45.8887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3237, 0.2696, 0.3289**, and **25.1344, 0.2301, 0.2911** is the 20% darker color. If you saturate the color by 10%, you get **48.0743, 0.2351, 0.2922**, and if you desaturate by 10%, it is **55.8989, 0.2599, 0.3071**.

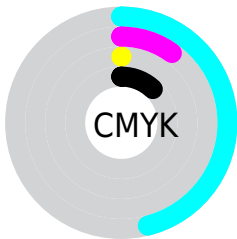
Distribution



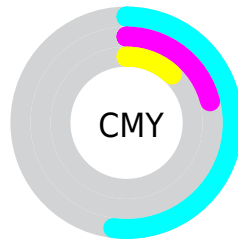
- Red (48%)
- Green (79%)
- Blue (88%)



- Red (48%)
- Yellow (65%)
- Blue (88%)



- Cyan (46%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (52%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.7605, 0.2468, 0.2998 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 51.7605, 0.2468, 0.2998 by changing the saturation by 10% instead.

■ 51.7605, 0.2468,
0.2998

■ 51.7605, 0.2468,
0.2998

■ 393.5113, 0.2783,
0.3148

■ 36.8142, 0.2394,
0.2960

■ 92.7779, 0.2579,
0.3053

■ 25.0637, 0.2301,
0.2911

■ 119.6179, 0.2622,
0.3073

■ 16.1245, 0.2182,
0.2846

■ 151.1911, 0.2659,
0.3091

■ 9.6123, 0.2025,
0.2755

■ 187.8821, 0.2690,
0.3105

■ 5.1427, 0.1809,
0.2620

■ 230.0752, 0.2718,
0.3118

■ 2.3312, 0.1498,
0.2405

■ 278.1549, 0.2742,

■ 0.7902, 0.0769,

0.3129

0.2077

332.5054, 0.2764,
0.3139

0.0000, 0.0000,
0.0000

51.7605, 0.2468,
0.2998

51.7605, 0.2468,
0.2998

48.0743, 0.2351,
0.2922

55.8989, 0.2599,
0.3071

44.8073, 0.2250,
0.2843

60.5079, 0.2741,
0.3139

41.9315, 0.2168,
0.2764

65.6120, 0.2889,
0.3202


39.4115, 0.2106,
0.2684


71.2318, 0.3042,
0.3260


37.2045, 0.2063,
0.2605


77.3871, 0.3196,
0.3313

 36.2827, 0.2047,
0.2570

 83.8141, 0.3339,
0.3360

 86.5619, 0.3333,
0.3408

 89.3853, 0.3327,
0.3455

 92.2848, 0.3321,
0.3502

Harmonies

Analogous

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



51.7605, 0.2591, 0.3321



51.7605, 0.2468, 0.2998



51.7605, 0.2508, 0.2781

Triad

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



51.7605, 0.2468, 0.2998



51.7605, 0.3382, 0.2958



51.7605, 0.3542, 0.3920

Complementary

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



51.7605, 0.2468, 0.2998



37.2339, 0.4224, 0.3554

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.



51.7605, 0.3778, 0.3775



51.7605, 0.2468, 0.2998



51.7605, 0.3687, 0.3224

Square

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



51.7605, 0.2468, 0.2998



51.7605, 0.3019, 0.2773



51.7605, 0.3835, 0.3517



51.7605, 0.3203, 0.3885

Rectangle

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



51.7605, 0.2468, 0.2998



51.7605, 0.2623, 0.2715



51.7605, 0.3835, 0.3517



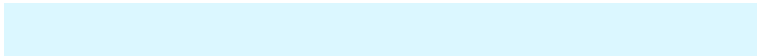
51.7605, 0.3637, 0.3889

Sweetspot

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



51.7625, 0.2468, 0.2998



89.0233, 0.2911, 0.3211



59.4317, 0.2952, 0.4429



18.7193, 0.2878, 0.3198



0.0000, 0.0000, 0.0000



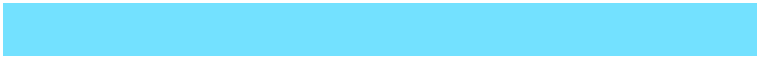
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.7625, 0.2468, 0.2998



64.5337, 0.2352, 0.2923



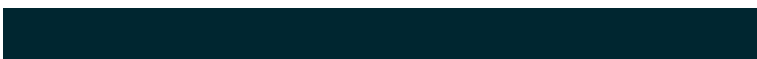
32.1952, 0.2344, 0.2299



15.0434, 0.2982, 0.3238



21.2898, 0.2051, 0.2582



1.6022, 0.2084, 0.2703

Inverse Universe

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



34.0506, 0.3399, 0.2393



38.8841, 0.3478, 0.2221



55.5900, 0.3947, 0.4107



13.8823, 0.3171, 0.3108



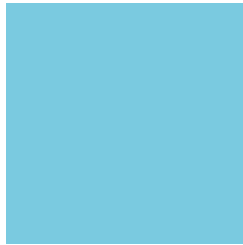
11.0573, 0.3842, 0.1890



0.7792, 0.3725, 0.1826

Previews

White Background



This preview shows how the Yxy color 51.7605, 0.2468, 0.2998 looks on a white background.

Color Contrast Check

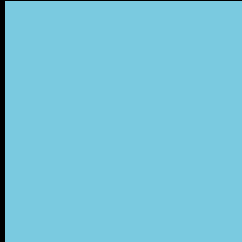
Large Text (above 18pt) WCAG AA × Fail

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 51.7605, 0.2468, 0.2998 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 51.7605, 0.2468, 0.2998

Background



This preview shows how black text looks on a background with the Yxy color 51.7605, 0.2468, 0.2998.



This preview shows how white text looks on a background with the Yxy color 51.7605, 0.2468, 0.2998.

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

51.7605, 0.2468, 0.2998

Protanopia

51.1870, 0.2906, 0.2959

Deuteranopia

51.1182, 0.2845, 0.2779



Tritanopia

51.8913, 0.2491, 0.3075

Trichromacy



Original Color

51.7605, 0.2468, 0.2998

Protanomaly

50.8833, 0.2723, 0.2972

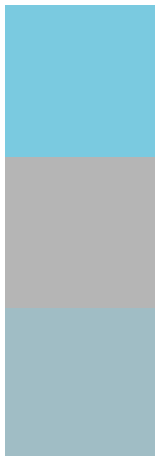
Deuteranomaly

50.8070, 0.2686, 0.2842

Tritanomaly

51.9973, 0.2480, 0.3050

Monochromacy



Original Color

51.7605, 0.2468, 0.2998

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.9000, 0.2842, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7605, 0.2468, 0.2998 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(122, 202, 224)` looks like.

```
.text, #text, p{  
    color:rgb(122, 202, 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(122, 202, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 202, 224) }
```

Border

The CSS property to change the border of an element to Yxy 51.7605, 0.2468, 0.2998 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(122, 202, 224) }
```

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

```
.border{ border-color:rgb(122, 202, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 202, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 202, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 202, 224);  
box-shadow:4px 4px 4px 4px rgb(122, 202,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7605, 0.2468, 0.2998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 202, 224) }
```

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

```
.background{ background-color: rgb(122,  
202, 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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