

Converting Colors

Yxy(51.7471, 0.2762, 0.3768)

Have a look what the booklet for
Yxy(51.7471, 0.2762, 0.3768)
contains.

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Color

Yxy(51.7804, 0.2761, 0.3774)

Conversions

Conversions Part 1

Format	Color
Hex	7ACFAD
RGB	122, 207, 173
RGB Percent	48%, 81%, 68%
CMY	0.5216, 0.1882, 0.3215
CMYK	0.41, 0.00, 0.16, 0.19
HSL	156°, 47%, 65%
HSV	156°, 41%, 81%
XYZ	37.8817, 51.7804, 47.5408
YIQ	177.7090, -39.7460, -28.5940

Conversions

Conversions Part 2

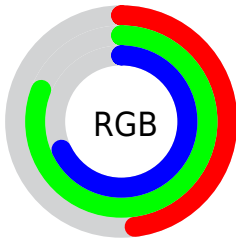
Format	Color
RYB	122, 175, 207
Decimal	8048557
CIELab	77.15, -33.55, 8.87
CIELCh	77, 34.700, 165.182
Yxy	51.7804, 0.2761, 0.3774
Android (android.graphics.Color)	4286238637 (0xFF7ACFAD)
YUV	177.7090, -2.3215, -48.8568
Hunter-Lab	71.9586, -31.9584, 11.1999

Details

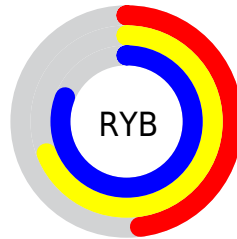
The Yxy color **51.7804, 0.2761, 0.3774** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **29.5826, 0.3742, 0.2861**, and the grayscale version is **44.3877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5864, 0.2824, 0.3589**, and **25.0302, 0.2653, 0.3908** is the 20% darker color. If you saturate the color by 10%, you get **50.1185, 0.2695, 0.3918**, and if you desaturate by 10%, it is **53.7882, 0.2839, 0.3639**.

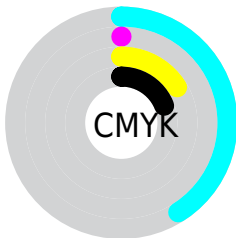
Distribution



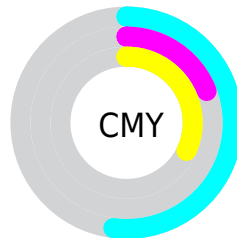
- Red (48%)
- Green (81%)
- Blue (68%)



- Red (48%)
- Yellow (69%)
- Blue (81%)



- Cyan (41%)
- Magenta (0%)
- Yellow (16%)
- Black (19%)





- Cyan (52%)
- Magenta (19%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7804, 0.2761, 0.3774 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 51.7804, 0.2761, 0.3774 by changing the saturation by 10% instead.


 51.7804, 0.2761,
0.3774

 51.7804, 0.2761,
0.3774


393.5882, 0.2944,
0.3529


 36.8301, 0.2715,
0.3836


 92.8073, 0.2828,
0.3684

 25.0759, 0.2657,
0.3917


 119.6526, 0.2853,
0.3651

 16.1336, 0.2579,
0.4025


 151.2318, 0.2874,
0.3622

 9.6188, 0.2470,
0.4178

187.9291, 0.2892,
0.3598

 5.1469, 0.2308,
0.4411

230.1290, 0.2908,
0.3577

 2.3337, 0.2045,
0.4803

278.2159, 0.2921,


 0.7915, 0.0000,


0.3559


0.7663

332.5742, 0.2933,
0.3543


 0.0000, 0.0000,
0.0000


 51.7804, 0.2761,
0.3774

 51.7804, 0.2761,
0.3774


 50.1185, 0.2695,
0.3918


 53.7882, 0.2839,
0.3639


 48.7751, 0.2645,
0.4068

 56.1547, 0.2926,
0.3515


 47.7291, 0.2613,
0.4223


 58.8996, 0.3020,
0.3402

 46.9537, 0.2601,
0.4380

 62.0396, 0.3117,
0.3300


 46.4172, 0.2609,
0.4534

 65.5901, 0.3215,
0.3209

 46.0892, 0.2630,
0.4668

 69.5658, 0.3313,
0.3129

 71.6544, 0.3319,
0.3050

 72.1330, 0.3259,
0.2970

 72.6341, 0.3201,
0.2891

Harmonies

Analogous

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



51.7804, 0.3210, 0.4083



51.7804, 0.2761, 0.3774



51.7804, 0.2427, 0.3315

Triad

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



51.7804, 0.2761, 0.3774



51.7804, 0.2581, 0.2539



51.7804, 0.4059, 0.3577

Complementary

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



51.7804, 0.2761, 0.3774



29.5826, 0.3742, 0.2861

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.



51.7804, 0.3870, 0.3202



51.7804, 0.2761, 0.3774



51.7804, 0.2988, 0.2630

Square

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



51.7804, 0.2761, 0.3774



51.7804, 0.2331, 0.2623



51.7804, 0.3466, 0.2866



51.7804, 0.3974, 0.3915

Rectangle

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



51.7804, 0.2761, 0.3774



51.7804, 0.2304, 0.3020



51.7804, 0.3466, 0.2866



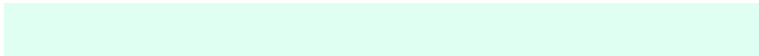
51.7804, 0.4026, 0.3452

Sweetspot

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



51.7825, 0.2761, 0.3774



93.8882, 0.3009, 0.3414



53.1003, 0.3316, 0.4454



19.9657, 0.2997, 0.3428



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.



51.7825, 0.2761, 0.3774



80.6798, 0.2704, 0.3896



49.2607, 0.2549, 0.3172



13.3237, 0.3036, 0.3385



29.0560, 0.2624, 0.4647



1.6401, 0.2547, 0.4370

Inverse Universe

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



29.5826, 0.3742, 0.2861



40.5340, 0.3937, 0.2777



30.7676, 0.4123, 0.3402



11.8854, 0.3229, 0.3197



8.7665, 0.5362, 0.2728



0.5057, 0.4877, 0.2460

Previews

White Background



This preview shows how the Yxy color 51.7804, 0.2761, 0.3774 looks on a white background.

Color Contrast Check

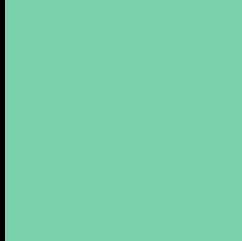
Large Text (above 18pt) WCAG AA × Fail

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 51.7804, 0.2761, 0.3774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

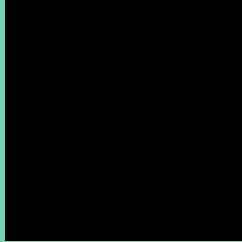
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

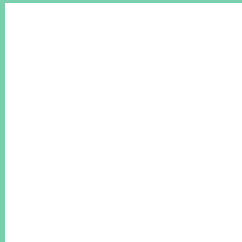
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.7804, 0.2761, 0.3774

Background



This preview shows how black text looks on a background with the Yxy color 51.7804, 0.2761, 0.3774.



This preview shows how white text looks on a background with the Yxy color 51.7804, 0.2761, 0.3774.

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

51.7804, 0.2761, 0.3774

Protanopia

51.2176, 0.3409, 0.3604

Deuteranopia

51.0784, 0.3419, 0.3351



Tritanopia

51.7696, 0.2561, 0.3077

Trichromacy



Original Color

51.7804, 0.2761, 0.3774



Protanomaly

50.9278, 0.3141, 0.3676



Deuteranomaly

50.4176, 0.3142, 0.3498



Tritanomaly

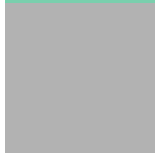
51.5960, 0.2632, 0.3316

Monochromacy



Original Color

51.7804, 0.2761, 0.3774



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

46.7989, 0.2975, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7804, 0.2761, 0.3774 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, 207, 173)` looks like.

```
.text, #text, p{  
    color:rgb(122, 207, 173)  
}
```

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, 207, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 207, 173) }
```

Border

The CSS property to change the border of an element to Yxy 51.7804, 0.2761, 0.3774 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, 207, 173) }
```

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

```
.border{ border-color:rgb(122, 207, 173) }
```

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

Here you see how a box with a 4 pixel rgb(122, 207, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 207, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 207, 173);  
box-shadow:4px 4px 4px 4px rgb(122, 207,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7804, 0.2761, 0.3774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 207, 173) }
```

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

```
.background{ background-color: rgb(122,  
207, 173) }
```

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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