

Converting Colors

$Yxy(47.3213, 0.2601, 0.3011)$

Have a look what the booklet for
Yxy(47.3213, 0.2601, 0.3011)
contains.

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Color

Yxy(47.4183, 0.2600, 0.3007)

Conversions

Conversions Part 1

Format	Color
Hex	8ABFD4
RGB	138, 191, 212
RGB Percent	54%, 75%, 83%
CMY	0.4586, 0.2510, 0.1686
CMYK	0.35, 0.10, 0.00, 0.17
HSL	197°, 46%, 69%
HSV	197°, 35%, 83%
XYZ	41.0002, 47.4183, 69.2746
YIQ	177.5470, -38.3290, -4.7050

Conversions

Conversions Part 2

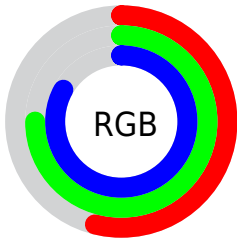
Format	Color
R _Y B	138, 169, 212
Decimal	9093076
CIE Lab	74.46, -12.11, -16.06
CIE LCh	74, 20.109, 232.982
Yxy	47.4183, 0.2600, 0.3007
Android (android.graphics.Color)	4287283156 (0xFF8ABFD4)
YUV	177.5470, 16.9853, -34.6827
Hunter-Lab	68.8609, -14.2268, -11.4435

Details

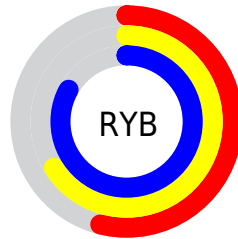
The Yxy color $47.4183, 0.2600, 0.3007$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $40.6440, 0.3860, 0.3554$, and the grayscale version is $44.1984, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.2109, 0.2766, 0.3204$, and $22.5426, 0.2466, 0.2938$ is the 20% darker color. If you saturate the color by 10%, you get $43.2124, 0.2462, 0.2911$, and if you desaturate by 10%, it is $52.0888, 0.2747, 0.3097$.

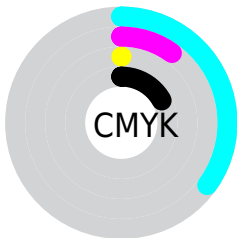
Distribution



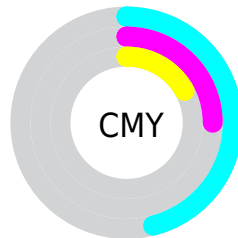
- Red (54%)
- Green (75%)
- Blue (83%)



- Red (54%)
- Yellow (66%)
- Blue (83%)



- Cyan (35%)
- Magenta (10%)
- Yellow (0%)
- Black (17%)



- Cyan (46%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4183, 0.2600, 0.3007 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 47.4183, 0.2600, 0.3007 by changing the saturation by 10% instead.

■ 47.4183, 0.2600,
0.3007

■ 47.4183, 0.2600,
0.3007

■ 376.4817, 0.2858,
0.3152

■ 33.3665, 0.2538,
0.2970

■ 86.3377, 0.2692,
0.3060

■ 22.4073, 0.2459,
0.2923

■ 111.9740, 0.2727,
0.3080

■ 14.1565, 0.2356,
0.2859

■ 142.2406, 0.2757,
0.3097

■ 8.2296, 0.2217,
0.2770

■ 177.5219, 0.2783,
0.3111

■ 4.2422, 0.2019,
0.2636

■ 218.2023, 0.2805,
0.3123

■ 1.8100, 0.1719,
0.2418

■ 264.6661, 0.2825,

■ 0.4934, 0.0692,

0.3134

0.1968

317.2978, 0.2842,
0.3143

0.0000, 0.0000,
0.0000

47.4183, 0.2600,
0.3007

47.4183, 0.2600,
0.3007

43.2124, 0.2462,
0.2911

52.0888, 0.2747,
0.3097

39.4435, 0.2335,
0.2809

57.2386, 0.2899,
0.3180

36.0896, 0.2224,
0.2704

62.8882, 0.3052,
0.3256

33.1237, 0.2130,
0.2597

69.0554, 0.3205,
0.3324

30.5147, 0.2057,
0.2490

75.7570, 0.3355,
0.3385

■ 28.2251, 0.2003,
0.2383

■ 81.0141, 0.3426,
0.3443

■ 27.1436, 0.1980,
0.2329

■ 84.3672, 0.3416,
0.3502

■ 87.8366, 0.3407,
0.3561

■ 91.4234, 0.3397,
0.3618

Harmonies

Analogous

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



47.4183, 0.2664, 0.3243



47.4183, 0.2600, 0.3007



47.4183, 0.2668, 0.2861

Triad

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



47.4183, 0.2600, 0.3007



47.4183, 0.3402, 0.3082



47.4183, 0.3388, 0.3789

Complementary

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



47.4183, 0.2600, 0.3007



40.6440, 0.3860, 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.



47.4183, 0.3600, 0.3717



47.4183, 0.2600, 0.3007



47.4183, 0.3611, 0.3306

Square

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



47.4183, 0.2600, 0.3007



47.4183, 0.3123, 0.2911



47.4183, 0.3684, 0.3536



47.4183, 0.3112, 0.3714

Rectangle

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



47.4183, 0.2600, 0.3007



47.4183, 0.2782, 0.2827



47.4183, 0.3684, 0.3536



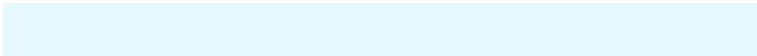
47.4183, 0.3469, 0.3780

Sweetspot

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



47.4202, 0.2600, 0.3007



90.9471, 0.2972, 0.3217



54.9945, 0.2950, 0.4027



19.2078, 0.2950, 0.3206



0.0000, 0.0000, 0.0000



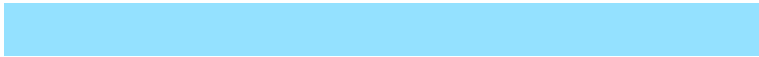
21.4041, 0.3127, 0.3290

Same Dimension

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



47.4202, 0.2600, 0.3007



67.1344, 0.2494, 0.2935



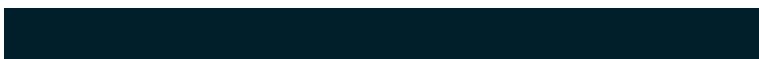
33.2940, 0.2530, 0.2482



13.4841, 0.2982, 0.3222



16.9361, 0.1985, 0.2344



1.1591, 0.2035, 0.2527

Inverse Universe

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



35.9477, 0.3371, 0.2655



47.8222, 0.3441, 0.2518



55.2998, 0.3709, 0.3984



12.5698, 0.3181, 0.3125



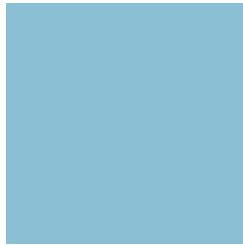
10.0546, 0.4080, 0.2021



0.6203, 0.3895, 0.1920

Previews

White Background



This preview shows how the Yxy color 47.4183, 0.2600, 0.3007 looks on a white background.

Color Contrast Check

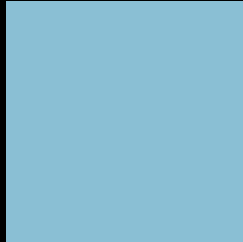
Large Text (above 18pt) WCAG AA × Fail

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 47.4183, 0.2600, 0.3007 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 47.4183, 0.2600, 0.3007

Background



This preview shows how black text looks on a background with the Yxy color 47.4183, 0.2600, 0.3007.



This preview shows how white text looks on a background with the Yxy color 47.4183, 0.2600, 0.3007.

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

47.4183, 0.2600, 0.3007

Protanopia

47.0877, 0.2920, 0.2973

Deuteranopia

47.0614, 0.2902, 0.2834



Tritanopia

47.5226, 0.2625, 0.3085

Trichromacy



Original Color

47.4183, 0.2600, 0.3007

Protanomaly

47.1445, 0.2794, 0.2991

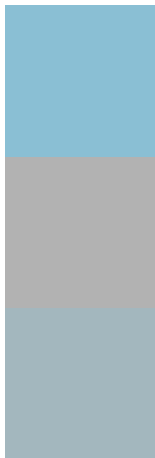
Deuteranomaly

47.0468, 0.2781, 0.2894

Tritanomaly

47.6211, 0.2613, 0.3059

Monochromacy



Original Color

47.4183, 0.2600, 0.3007

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.3712, 0.2911, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4183, 0.2600, 0.3007 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(138, 191, 212)` looks like.

```
.text, #text, p{  
    color:rgb(138, 191, 212)  
}
```

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(138, 191, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 191, 212) }
```

Border

The CSS property to change the border of an element to Yxy 47.4183, 0.2600, 0.3007 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(138, 191, 212) }
```

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

```
.border{ border-color:rgb(138, 191, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 191, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 191, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 191, 212);  
box-shadow:4px 4px 4px 4px rgb(138, 191,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4183, 0.2600, 0.3007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 191, 212) }
```

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

```
.background{ background-color: rgb(138,  
191, 212) }
```

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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