

Converting Colors

$Yxy(49.2384, 0.2723, 0.3073)$

Have a look what the booklet for
Yxy(49.2384, 0.2723, 0.3073)
contains.

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Color

Yxy(49.1727, 0.2724, 0.3066)

Conversions

Conversions Part 1

Format	Color
Hex	9AC0D1
RGB	154, 192, 209
RGB Percent	60%, 75%, 82%
CMY	0.3960, 0.2471, 0.1803
CMYK	0.26, 0.08, 0.00, 0.18
HSL	199°, 37%, 71%
HSV	199°, 26%, 82%
XYZ	43.6877, 49.1727, 67.5202
YIQ	182.5760, -28.1050, -2.7690

Conversions

Conversions Part 2

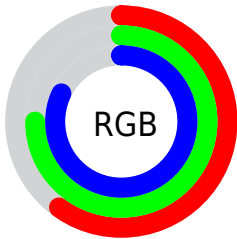
Format	Color
RYB	154, 176, 209
Decimal	10141905
CIELab	75.56, -8.78, -12.69
CIELCh	76, 15.431, 235.333
Yxy	49.1727, 0.2724, 0.3066
Android (android.graphics.Color)	4288331985 (0xFF9AC0D1)
YUV	182.5760, 13.0270, -25.0612
Hunter-Lab	70.1232, -11.5079, -8.0029

Details

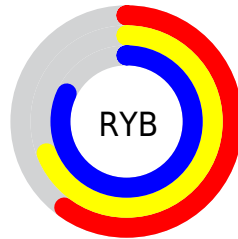
The Yxy color $49.1727, 0.2724, 0.3066$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $45.0285, 0.3633, 0.3503$, and the grayscale version is $47.0512, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.9101, 0.2851, 0.3217$, and $23.5985, 0.2610, 0.3002$ is the 20% darker color. If you saturate the color by 10%, you get $44.5213, 0.2576, 0.2967$, and if you desaturate by 10%, it is $54.3100, 0.2876, 0.3158$.

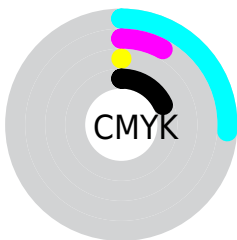
Distribution



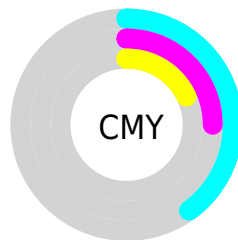
- Red (60%)
- Green (75%)
- Blue (82%)



- Red (60%)
- Yellow (69%)
- Blue (82%)



- Cyan (26%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)




- Cyan (40%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.1727, 0.2724, 0.3066 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 49.1727, 0.2724, 0.3066 by changing the saturation by 10% instead.

 49.1727, 0.2724,
0.3066

 49.1727, 0.2724,
0.3066


383.4218, 0.2921,
0.3179

 34.7565, 0.2676,
0.3038


 88.9479, 0.2795,
0.3107

 23.4754, 0.2616,
0.3001


 115.0757, 0.2821,
0.3123

 14.9449, 0.2537,
0.2952


145.8761, 0.2844,
0.3136

 8.7807, 0.2429,
0.2884

181.7336, 0.2864,
0.3147

 4.5984, 0.2275,
0.2783

223.0325, 0.2881,
0.3157

 2.0136, 0.2037,
0.2618

270.1572, 0.2896,

 0.6154, 0.1386,

0.3165

0.2302

323.4922, 0.2909,
0.3172

0.0000, 0.0000,
0.0000

49.1727, 0.2724,
0.3066

49.1727, 0.2724,
0.3066

44.5213, 0.2576,
0.2967

54.3100, 0.2876,
0.3158

40.3296, 0.2437,
0.2860

59.9459, 0.3030,
0.3241

36.5780, 0.2309,
0.2749

66.1000, 0.3183,
0.3317

33.2424, 0.2196,
0.2633

72.7890, 0.3333,
0.3384

30.2960, 0.2102,
0.2515

79.3545, 0.3452,
0.3446

■ 27.7077, 0.2027,
0.2397

■ 82.9037, 0.3440,
0.3510

■ 25.4386, 0.1973,
0.2281

■ 86.5866, 0.3429,
0.3573

■ 24.6572, 0.1955,
0.2238

■ 90.4046, 0.3418,
0.3635

■ 94.3592, 0.3407,
0.3696

Harmonies

Analogous

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



49.1727, 0.2766, 0.3242



49.1727, 0.2724, 0.3066



49.1727, 0.2785, 0.2958

Triad

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



49.1727, 0.2724, 0.3066



49.1727, 0.3351, 0.3144



49.1727, 0.3312, 0.3665

Complementary

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



49.1727, 0.2724, 0.3066



45.0285, 0.3633, 0.3503

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.



49.1727, 0.3477, 0.3623



49.1727, 0.2724, 0.3066



49.1727, 0.3501, 0.3319

Square

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



49.1727, 0.2724, 0.3066



49.1727, 0.3142, 0.3007



49.1727, 0.3547, 0.3494



49.1727, 0.3101, 0.3599

Rectangle

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



49.1727, 0.2724, 0.3066



49.1727, 0.2877, 0.2935



49.1727, 0.3547, 0.3494



49.1727, 0.3374, 0.3663

Sweetspot

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



49.1747, 0.2724, 0.3066



92.3732, 0.3003, 0.3227



55.4022, 0.2985, 0.3807



19.4774, 0.2980, 0.3215



0.0000, 0.0000, 0.0000



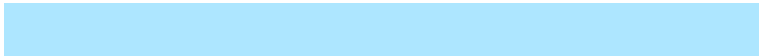
21.4041, 0.3127, 0.3290

Same Dimension

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



49.1747, 0.2724, 0.3066



72.6070, 0.2634, 0.3007



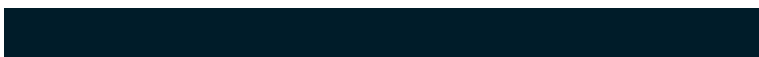
38.3909, 0.2689, 0.2696



12.7641, 0.2983, 0.3216



15.3825, 0.1960, 0.2255



0.9976, 0.2019, 0.2468

Inverse Universe

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



40.4791, 0.3312, 0.2830



57.0002, 0.3366, 0.2721



56.2867, 0.3553, 0.3821



11.9442, 0.3184, 0.3131



9.6241, 0.4173, 0.2073



0.5520, 0.3955, 0.1952

Previews

White Background



This preview shows how the Yxy color 49.1727, 0.2724, 0.3066 looks on a white background.

Color Contrast Check

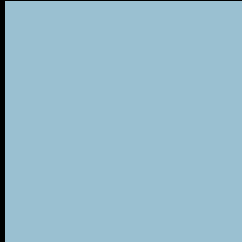
Large Text (above 18pt) WCAG AA × Fail

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 49.1727, 0.2724, 0.3066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

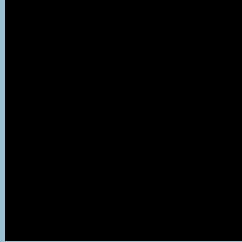
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.1727, 0.2724, 0.3066

Background



This preview shows how black text looks on a background with the Yxy color 49.1727, 0.2724, 0.3066.



This preview shows how white text looks on a background with the Yxy color 49.1727, 0.2724, 0.3066.

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

49.1727, 0.2724, 0.3066

Protanopia

48.8310, 0.2975, 0.3039

Deuteranopia

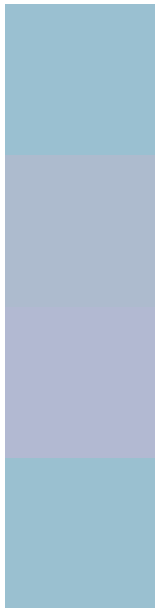
48.9574, 0.2988, 0.2924



Tritanopia

49.1234, 0.2730, 0.3079

Trichromacy



Original Color

49.1727, 0.2724, 0.3066

Protanomaly

48.8811, 0.2876, 0.3047

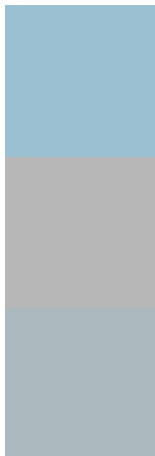
Deuteranomaly

48.8160, 0.2886, 0.2976

Tritanomaly

49.1234, 0.2730, 0.3079

Monochromacy



Original Color

49.1727, 0.2724, 0.3066

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.6942, 0.2968, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1727, 0.2724, 0.3066 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(154, 192, 209)` looks like.

```
.text, #text, p{  
    color:rgb(154, 192, 209)  
}
```

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(154, 192, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 192, 209) }
```

Border

The CSS property to change the border of an element to Yxy 49.1727, 0.2724, 0.3066 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(154, 192, 209) }
```

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

```
.border{ border-color:rgb(154, 192, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 192, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 192, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 192, 209);  
box-shadow:4px 4px 4px 4px rgb(154, 192,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1727, 0.2724, 0.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 192, 209) }
```

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

```
.background{ background-color: rgb(154,  
192, 209) }
```

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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