

Converting Colors

$Yxy(48.9601, 0.2783, 0.3046)$

Have a look what the booklet for
Yxy(48.9601, 0.2783, 0.3046)
contains.

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Color

Yxy(49.0624, 0.2784, 0.3056)

Conversions

Conversions Part 1

Format	Color
Hex	A2BED0
RGB	162, 190, 208
RGB Percent	64%, 75%, 82%
CMY	0.3648, 0.2549, 0.1843
CMYK	0.22, 0.09, 0.00, 0.18
HSL	203°, 33%, 73%
HSV	203°, 22%, 82%
XYZ	44.6956, 49.0624, 66.7865
YIQ	183.6800, -22.4660, -0.3380

Conversions

Conversions Part 2

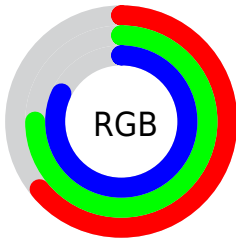
Format	Color
RYB	162, 179, 208
Decimal	10665680
CIELab	75.49, -5.54, -12.19
CIELCh	75, 13.388, 245.571
Yxy	49.0624, 0.2784, 0.3056
Android (android.graphics.Color)	4288855760 (0xFFA2BED0)
YUV	183.6800, 11.9898, -19.0134
Hunter-Lab	70.0446, -8.6767, -7.5010

Details

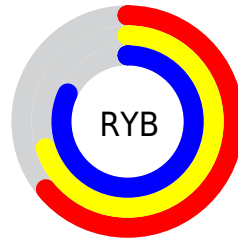
The Yxy color **49.0624, 0.2784, 0.3056** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.6484, 0.3527, 0.3513**, and the grayscale version is **47.6883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8832, 0.2897, 0.3197**, and **23.4756, 0.2684, 0.2989** is the 20% darker color. If you saturate the color by 10%, you get **43.6387, 0.2628, 0.2933**, and if you desaturate by 10%, it is **55.0469, 0.2940, 0.3168**.

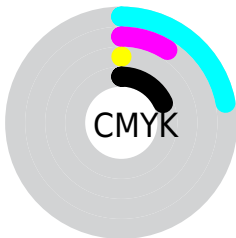
Distribution



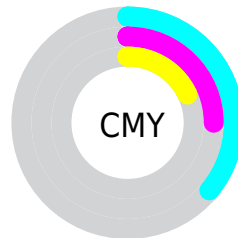
- Red (64%)
- Green (75%)
- Blue (82%)



- Red (64%)
- Yellow (70%)
- Blue (82%)



- Cyan (22%)
- Magenta (9%)
- Yellow (0%)
- Black (18%)



- Cyan (36%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.0624, 0.2784, 0.3056 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 49.0624, 0.2784, 0.3056 by changing the saturation by 10% instead.

■ 49.0624, 0.2784,
0.3056

■ 49.0624, 0.2784,
0.3056

■ 382.9879, 0.2952,
0.3173

■ 34.6690, 0.2743,
0.3027

■ 88.7841, 0.2844,
0.3098

■ 23.4080, 0.2691,
0.2990

■ 114.8812, 0.2867,
0.3114

■ 14.8951, 0.2623,
0.2940

■ 145.6483, 0.2887,
0.3128

■ 8.7458, 0.2530,
0.2871

■ 181.4699, 0.2904,
0.3140

■ 4.5757, 0.2395,
0.2770

■ 222.7302, 0.2918,
0.3150

■ 2.0006, 0.2186,
0.2606

■ 269.8137, 0.2931,

■ 0.6078, 0.1654,

0.3158

0.2272

323.1048, 0.2942,
0.3166

0.0000, 0.0000,
0.0000

49.0624, 0.2784,
0.3056

49.0624, 0.2784,
0.3056

43.6387, 0.2628,
0.2933

55.0469, 0.2940,
0.3168

38.7488, 0.2477,
0.2800

61.6058, 0.3095,
0.3270

34.3725, 0.2334,
0.2659

68.7595, 0.3245,
0.3361

30.4852, 0.2203,
0.2512

76.5257, 0.3389,
0.3441

27.0599, 0.2088,
0.2361

82.7784, 0.3448,
0.3519

■ 24.0660, 0.1993,
0.2209

■ 87.4277, 0.3433,
0.3598

■ 21.4675, 0.1919,
0.2060

■ 92.2910, 0.3419,
0.3675

■ 19.6517, 0.1874,
0.1945

■ 97.3340, 0.3406,
0.3751

Harmonies

Analogous

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



49.0624, 0.2790, 0.3193



49.0624, 0.2784, 0.3056



49.0624, 0.2867, 0.2986

Triad

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



49.0624, 0.2784, 0.3056



49.0624, 0.3374, 0.3213



49.0624, 0.3228, 0.3605

Complementary

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



49.0624, 0.2784, 0.3056



48.6484, 0.3527, 0.3513

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.



49.0624, 0.3389, 0.3601



49.0624, 0.2784, 0.3056



49.0624, 0.3476, 0.3371

Square

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



49.0624, 0.2784, 0.3056



49.0624, 0.3205, 0.3078



49.0624, 0.3482, 0.3513



49.0624, 0.3042, 0.3517

Rectangle

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



49.0624, 0.2784, 0.3056



49.0624, 0.2963, 0.2984



49.0624, 0.3482, 0.3513



49.0624, 0.3287, 0.3614

Sweetspot

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



49.0644, 0.2784, 0.3056



92.3987, 0.3019, 0.3221



56.0701, 0.2982, 0.3662



19.6415, 0.3009, 0.3215



0.0000, 0.0000, 0.0000



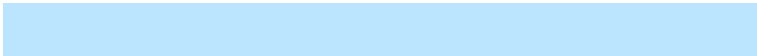
21.4041, 0.3127, 0.3290

Same Dimension

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



49.0644, 0.2784, 0.3056



73.2114, 0.2703, 0.2993



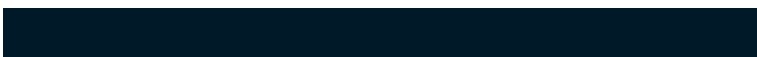
39.9997, 0.2762, 0.2750



12.5988, 0.2983, 0.3197



12.4411, 0.1879, 0.1965



0.8476, 0.1954, 0.2235

Inverse Universe

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



42.9622, 0.3311, 0.2950



62.0472, 0.3365, 0.2866



58.5546, 0.3471, 0.3778



11.9275, 0.3197, 0.3149



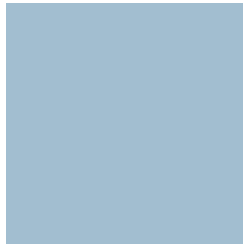
9.3272, 0.4492, 0.2248



0.5369, 0.4195, 0.2085

Previews

White Background



This preview shows how the Yxy color 49.0624, 0.2784, 0.3056 looks on a white background.

Color Contrast Check

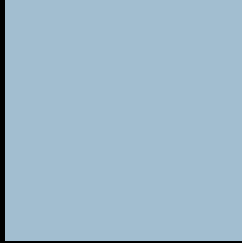
Large Text (above 18pt) WCAG AA × Fail

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 49.0624, 0.2784, 0.3056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

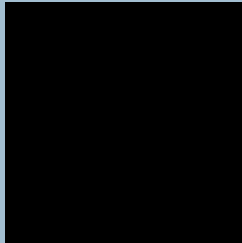
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

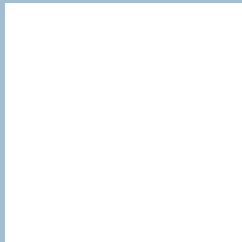
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.0624, 0.2784, 0.3056

Background



This preview shows how black text looks on a background with the Yxy color 49.0624, 0.2784, 0.3056.



This preview shows how white text looks on a background with the Yxy color 49.0624, 0.2784, 0.3056.

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

49.0624, 0.2784, 0.3056

Protanopia

48.7079, 0.2967, 0.3039

Deuteranopia

48.9074, 0.2995, 0.2936



Tritanopia

48.9645, 0.2797, 0.3081

Trichromacy



Original Color

49.0624, 0.2784, 0.3056

Protanomaly

48.6395, 0.2898, 0.3047

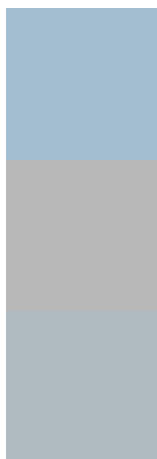
Deuteranomaly

48.7082, 0.2916, 0.2977

Tritanomaly

49.0133, 0.2791, 0.3068

Monochromacy



Original Color

49.0624, 0.2784, 0.3056

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.1982, 0.2993, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0624, 0.2784, 0.3056 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(162, 190, 208)` looks like.

```
.text, #text, p{  
    color:rgb(162, 190, 208)  
}
```

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(162, 190, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 190, 208) }
```

Border

The CSS property to change the border of an element to Yxy 49.0624, 0.2784, 0.3056 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(162, 190, 208) }
```

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

```
.border{ border-color:rgb(162, 190, 208) }
```

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

Here you see how a box with a 4 pixel rgb(162, 190, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 190, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 190, 208);  
box-shadow:4px 4px 4px 4px rgb(162, 190,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0624, 0.2784, 0.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 190, 208) }
```

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

```
.background{ background-color: rgb(162,  
190, 208) }
```

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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