

Converting Colors

$Yxy(49.9871, 0.2865, 0.3044)$

Have a look what the booklet for
Yxy(49.9871, 0.2865, 0.3044)
contains.

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Color

Yxy(49.9973, 0.2864, 0.3037)

Conversions

Conversions Part 1

Format	Color
Hex	AEBDD1
RGB	174, 189, 209
RGB Percent	68%, 74%, 82%
CMY	0.3179, 0.2587, 0.1804
CMYK	0.17, 0.10, 0.00, 0.18
HSL	214°, 28%, 75%
HSV	214°, 17%, 82%
XYZ	47.1492, 49.9973, 67.4807
YIQ	186.7950, -15.3600, 3.0400

Conversions

Conversions Part 2

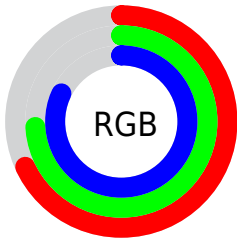
Format	Color
RYB	174, 185, 209
Decimal	11451857
CIELab	76.07, -1.04, -11.78
CIElCh	76, 11.826, 264.968
Yxy	49.9973, 0.2864, 0.3037
Android (android.graphics.Color)	4289641937 (0xFFFAEBDD1)
YUV	186.7950, 10.9471, -11.2212
Hunter-Lab	70.7088, -4.7149, -7.0871

Details

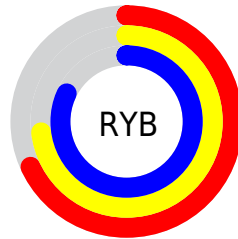
The Yxy color `49.9973, 0.2864, 0.3037` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `55.1464, 0.3406, 0.3531`, and the grayscale version is `49.5112, 0.3127, 0.3290`.

A 20% lighter version of the original color is `89.3478, 0.2975, 0.3189`, and `24.0398, 0.2787, 0.2964` is the 20% darker color. If you saturate the color by 10%, you get `42.8706, 0.2698, 0.2863`, and if you desaturate by 10%, it is `57.9218, 0.3024, 0.3194`.

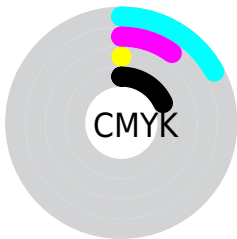
Distribution



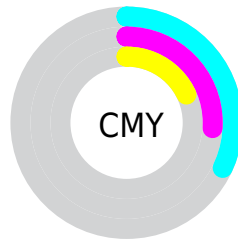
- Red (68%)
- Green (74%)
- Blue (82%)



- Red (68%)
- Yellow (73%)
- Blue (82%)



- Cyan (17%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (32%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.9973, 0.2864, 0.3037 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 49.9973, 0.2864, 0.3037 by changing the saturation by 10% instead.

■ 49.9973, 0.2864,
0.3037

■ 49.9973, 0.2864,
0.3037

386.6554, 0.2993,
0.3162

■ 35.4113, 0.2832,
0.3006

■ 90.1709, 0.2910,
0.3082

■ 23.9798, 0.2792,
0.2968

116.5272, 0.2928,
0.3099

■ 15.3187, 0.2740,
0.2916

147.5757, 0.2943,
0.3113

■ 9.0433, 0.2668,
0.2846

183.7009, 0.2956,
0.3126

■ 4.7695, 0.2563,
0.2744

225.2870, 0.2967,
0.3137

■ 2.1126, 0.2399,
0.2582

272.7185, 0.2977,

■ 0.6717, 0.2065,

0.3146

0.2263

326.3799, 0.2986,
0.3154

0.0000, 0.0000,
0.0000

49.9973, 0.2864,
0.3037

49.9973, 0.2864,
0.3037

42.8706, 0.2698,
0.2863

57.9218, 0.3024,
0.3194

36.5084, 0.2529,
0.2673

66.6638, 0.3175,
0.3333

30.8836, 0.2360,
0.2468

76.2498, 0.3317,
0.3457

25.9651, 0.2198,
0.2252

86.2205, 0.3430,
0.3567

21.7193, 0.2048,
0.2030

93.3293, 0.3410,
0.3680

■ 18.1089, 0.1917,
0.1809

■ 97.3830, 0.3400,
0.3741

■ 15.0919, 0.1809,
0.1597

■ 12.6165, 0.1728,
0.1400

■ 11.9091, 0.1706,
0.1340

Harmonies

Analogous

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



49.9973, 0.2818, 0.3122



49.9973, 0.2864, 0.3037



49.9973, 0.2980, 0.3020

Triad

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



49.9973, 0.2864, 0.3037



49.9973, 0.3411, 0.3312



49.9973, 0.3110, 0.3524

Complementary

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



49.9973, 0.2864, 0.3037



55.1464, 0.3406, 0.3531

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.



49.9973, 0.3271, 0.3574



49.9973, 0.2864, 0.3037



49.9973, 0.3447, 0.3446

Square

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



49.9973, 0.2864, 0.3037



49.9973, 0.3296, 0.3177



49.9973, 0.3395, 0.3544



49.9973, 0.2958, 0.3406

Rectangle

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



49.9973, 0.2864, 0.3037



49.9973, 0.3083, 0.3047



49.9973, 0.3395, 0.3544



49.9973, 0.3165, 0.3550

Sweetspot

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



49.9994, 0.2864, 0.3037



93.1156, 0.3050, 0.3219



58.4737, 0.2973, 0.3481



19.7292, 0.3039, 0.3208



0.0000, 0.0000, 0.0000



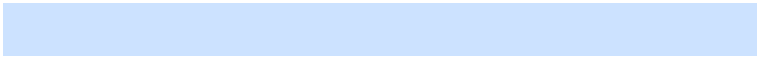
21.4041, 0.3127, 0.3290

Same Dimension

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



49.9994, 0.2864, 0.3037



74.4248, 0.2807, 0.2979



44.1105, 0.2874, 0.2842



12.2426, 0.2982, 0.3154



7.5310, 0.1713, 0.1366



0.5773, 0.1813, 0.1727

Inverse Universe

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



47.4751, 0.3313, 0.3108



69.9342, 0.3360, 0.3069



61.8658, 0.3359, 0.3706



11.8915, 0.3224, 0.3190



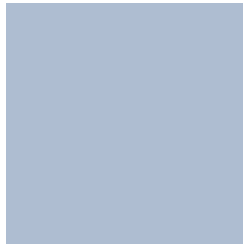
8.8315, 0.5236, 0.2658



0.5096, 0.4773, 0.2403

Previews

White Background



This preview shows how the Yxy color 49.9973, 0.2864, 0.3037 looks on a white background.

Color Contrast Check

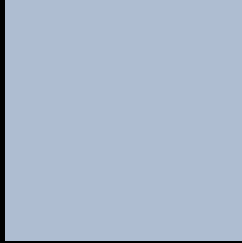
Large Text (above 18pt) WCAG AA × Fail

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 49.9973, 0.2864, 0.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

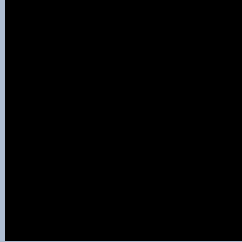
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

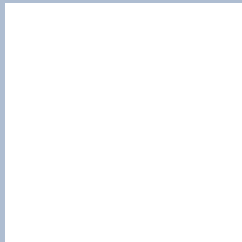
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.9973, 0.2864, 0.3037

Background



This preview shows how black text looks on a background with the Yxy color 49.9973, 0.2864, 0.3037.



This preview shows how white text looks on a background with the Yxy color 49.9973, 0.2864, 0.3037.

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

49.9973, 0.2864, 0.3037

Protanopia

49.9371, 0.2962, 0.3029

Deuteranopia

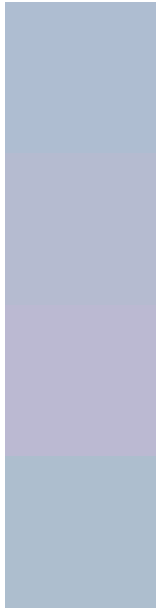
49.7111, 0.3019, 0.2951



Tritanopia

50.1189, 0.2885, 0.3098

Trichromacy



Original Color

49.9973, 0.2864, 0.3037

Protanomaly

49.9185, 0.2924, 0.3027

Deuteranomaly

49.9159, 0.2956, 0.2982

Tritanomaly

50.1674, 0.2878, 0.3086

Monochromacy



Original Color

49.9973, 0.2864, 0.3037

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.8517, 0.3026, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9973, 0.2864, 0.3037 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(174, 189, 209)` looks like.

```
.text, #text, p{  
    color:rgb(174, 189, 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(174, 189, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 189, 209) }
```

Border

The CSS property to change the border of an element to Yxy 49.9973, 0.2864, 0.3037 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(174, 189, 209) }
```

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

```
.border{ border-color:rgb(174, 189, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 189, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 189, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 189, 209);  
box-shadow:4px 4px 4px 4px rgb(174, 189,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9973, 0.2864, 0.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 189, 209) }
```

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

```
.background{ background-color: rgb(174,  
189, 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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