

Converting Colors

$Y_{xy}(34.3976, 0.2729, 0.2975)$

Have a look what the booklet for
Yxy(34.3976, 0.2729, 0.2975)
contains.

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Color

Yxy(34.4938, 0.2728, 0.2976)

Conversions

Conversions Part 1

Format	Color
Hex	88A2B7
RGB	136, 162, 183
RGB Percent	53%, 64%, 72%
CMY	0.4667, 0.3647, 0.2823
CMYK	0.26, 0.11, 0.00, 0.28
HSL	207°, 25%, 63%
HSV	207°, 26%, 72%
XYZ	31.6193, 34.4938, 49.7935
YIQ	156.6200, -22.2370, 1.0190

Conversions

Conversions Part 2

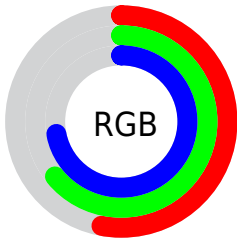
Format	Color
R_{YB}	136, 153, 183
Decimal	8954551
CIE _{Lab}	65.35, -4.21, -13.82
CIE _{LCh}	65, 14.450, 253.073
Yxy	34.4938, 0.2728, 0.2976
Android (android.graphics.Color)	4287144631 (0xFF88A2B7)
YUV	156.6200, 13.0053, -18.0837
Hunter-Lab	58.7314, -6.6807, -9.1550

Details

The Yxy color **34.4938, 0.2728, 0.2976** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9539, 0.3592, 0.3584**, and the grayscale version is **33.4851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8049, 0.2805, 0.3040**, and **14.6949, 0.2603, 0.2865** is the 20% darker color. If you saturate the color by 10%, you get **30.3050, 0.2570, 0.2832**, and if you desaturate by 10%, it is **39.1341, 0.2886, 0.3108**.

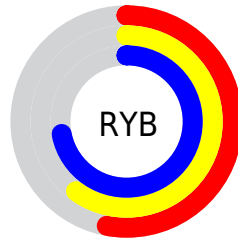
Distribution



Red (53%)

Green (64%)

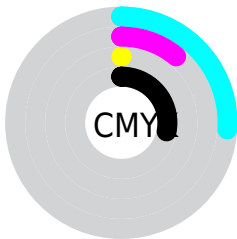
Blue (72%)



Red (53%)

Yellow (60%)

Blue (72%)

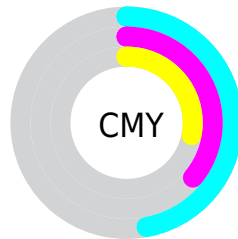


Cyan (26%)

Magenta (11%)

Yellow (0%)

Black (28%)



Cyan (47%)

Magenta (36%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.4938, 0.2728, 0.2976 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 34.4938, 0.2728, 0.2976 by changing the saturation by 10% instead.

■ 34.4938, 0.2728,
0.2976

■ 34.4938, 0.2728,
0.2976

■ 322.3283, 0.2935,
0.3141

■ 23.2732, 0.2674,
0.2932

■ 66.7008, 0.2805,
0.3038

■ 14.7954, 0.2603,
0.2874

■ 88.4561, 0.2833,
0.3061

■ 8.6759, 0.2506,
0.2793

■ 114.4916, 0.2857,
0.3080

■ 4.5304, 0.2367,
0.2675

■ 145.1919, 0.2877,
0.3096

■ 1.9745, 0.2150,
0.2487

■ 180.9414, 0.2895,
0.3110

■ 0.5926, 0.1633,
0.2101

■ 222.1243, 0.2910,

■ 0.0000, 0.0000,

0.3122

0.0000

269.1252, 0.2923,
0.3132

■ 34.4938, 0.2728,
0.2976

■ 34.4938, 0.2728,
0.2976

■ 30.3050, 0.2570,
0.2832

■ 39.1341, 0.2886,
0.3108

■ 26.5468, 0.2416,
0.2677

■ 44.2376, 0.3041,
0.3228

■ 23.2025, 0.2270,
0.2513

■ 49.8206, 0.3191,
0.3335

■ 20.2524, 0.2137,
0.2342

■ 55.8971, 0.3335,
0.3430

■ 17.6746, 0.2020,
0.2169

■ 62.4808, 0.3471,
0.3514

■ 15.4445, 0.1924,
0.1997

■ 69.5844, 0.3599,
0.3588

■ 13.5316, 0.1851,
0.1831

■ 75.4556, 0.3649,
0.3662

■ 12.7801, 0.1823,
0.1761

■ 79.8310, 0.3627,
0.3742

■ 84.4188, 0.3605,
0.3820

Harmonies

Analogous

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



34.4938, 0.2708, 0.3123



34.4938, 0.2728, 0.2976



34.4938, 0.2851, 0.2917

Triad

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



34.4938, 0.2728, 0.2976



34.4938, 0.3468, 0.3242



34.4938, 0.3192, 0.3658

Complementary

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



34.4938, 0.2728, 0.2976



35.9539, 0.3592, 0.3584

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.



34.4938, 0.3401, 0.3681



34.4938, 0.2728, 0.2976



34.4938, 0.3566, 0.3432

Square

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



34.4938, 0.2728, 0.2976



34.4938, 0.3277, 0.3070



34.4938, 0.3540, 0.3594



34.4938, 0.2970, 0.3526

Rectangle

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



34.4938, 0.2728, 0.2976



34.4938, 0.2978, 0.2931



34.4938, 0.3540, 0.3594



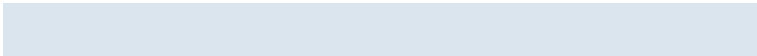
34.4938, 0.3266, 0.3679

Sweetspot

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



34.4952, 0.2728, 0.2976



76.9162, 0.3004, 0.3200



41.5148, 0.2943, 0.3690



16.6793, 0.2980, 0.3182



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



34.4952, 0.2728, 0.2976



57.3137, 0.2636, 0.2894



27.1524, 0.2696, 0.2619



9.5213, 0.2985, 0.3185



9.0537, 0.1828, 0.1780



0.4407, 0.1947, 0.2208

Inverse Universe

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



30.2812, 0.3373, 0.2931



48.8252, 0.3446, 0.2846



44.4354, 0.3519, 0.3883



9.0932, 0.3204, 0.3164



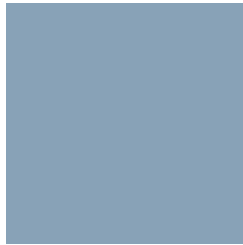
7.6963, 0.4709, 0.2368



0.2836, 0.4223, 0.2100

Previews

White Background



This preview shows how the Yxy color 34.4938, 0.2728, 0.2976 looks on a white background.

Color Contrast Check

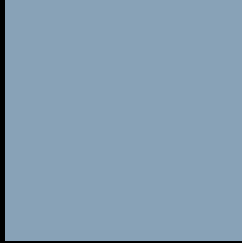
Large Text (above 18pt) WCAG AA × Fail

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 34.4938, 0.2728, 0.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

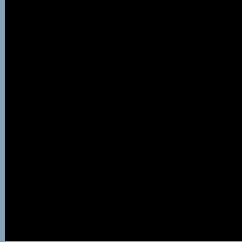
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

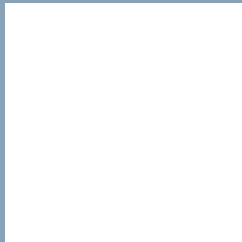
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.4938, 0.2728, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 34.4938, 0.2728, 0.2976.



This preview shows how white text looks on a background with the Yxy color 34.4938, 0.2728, 0.2976.

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

34.4938, 0.2728, 0.2976

Protanopia

34.3778, 0.2909, 0.2958

Deuteranopia

34.5225, 0.2921, 0.2867



Tritanopia

34.4799, 0.2773, 0.3092

Trichromacy



Original Color

34.4938, 0.2728, 0.2976

Protanomaly

34.4284, 0.2841, 0.2968

Deuteranomaly

34.5898, 0.2851, 0.2915

Tritanomaly

34.6000, 0.2751, 0.3048

Monochromacy



Original Color

34.4938, 0.2728, 0.2976

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.9390, 0.2972, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4938, 0.2728, 0.2976 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(136, 162, 183)` looks like.

```
.text, #text, p{  
    color:rgb(136, 162, 183)  
}
```

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(136, 162, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 162, 183) }
```

Border

The CSS property to change the border of an element to Yxy 34.4938, 0.2728, 0.2976 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(136, 162, 183) }
```

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

```
.border{ border-color:rgb(136, 162, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 162, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 162, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 162, 183);  
box-shadow:4px 4px 4px 4px rgb(136, 162,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4938, 0.2728, 0.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 162, 183) }
```

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

```
.background{ background-color: rgb(136,  
162, 183) }
```

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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