

Converting Colors

$Yxy(42.0077, 0.2764, 0.2999)$

Have a look what the booklet for
Yxy(42.0077, 0.2764, 0.2999)
contains.

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Color

Yxy(42.1969, 0.2764, 0.3002)

Conversions

Conversions Part 1

Format	Color
Hex	98B1C6
RGB	152, 177, 198
RGB Percent	60%, 69%, 78%
CMY	0.4042, 0.3058, 0.2236
CMYK	0.23, 0.11, 0.00, 0.22
HSL	207°, 29%, 69%
HSV	207°, 23%, 78%
XYZ	38.8515, 42.1969, 59.5142
YIQ	171.9190, -21.6410, 1.2310

Conversions

Conversions Part 2

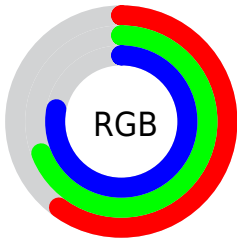
Format	Color
R _Y B	152, 168, 198
Decimal	10006982
CIE Lab	71.01, -3.95, -13.51
CIE LCh	71, 14.080, 253.689
Yxy	42.1969, 0.2764, 0.3002
Android (android.graphics.Color)	4288197062 (0xFF98B1C6)
YUV	171.9190, 12.8579, -17.4690
Hunter-Lab	64.9591, -6.9192, -8.8489

Details

The Yxy color $42.1969, 0.2764, 0.3002$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $44.1106, 0.3542, 0.3562$, and the grayscale version is $41.1478, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.7632, 0.2830, 0.3057$, and $19.1382, 0.2659, 0.2909$ is the 20% darker color. If you saturate the color by 10%, you get $37.0032, 0.2604, 0.2857$, and if you desaturate by 10%, it is $47.9479, 0.2923, 0.3134$.

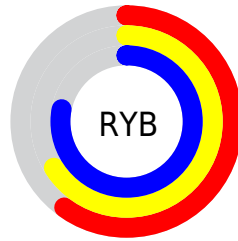
Distribution



Red (60%)

Green (69%)

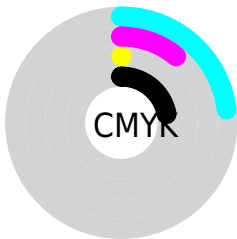
Blue (78%)



Red (60%)

Yellow (66%)

Blue (78%)

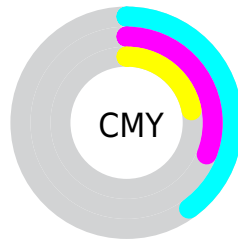


Cyan (23%)

Magenta (11%)

Yellow (0%)

Black (22%)



Cyan (40%)


Magenta (31%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1969, 0.2764, 0.3002 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 42.1969, 0.2764, 0.3002 by changing the saturation by 10% instead.

 42.1969, 0.2764,
0.3002

 42.1969, 0.2764,
0.3002


355.2985, 0.2947,
0.3149

 29.2555, 0.2718,
0.2965


 78.4975, 0.2831,
0.3056

 19.2742, 0.2659,
0.2916


 102.6256, 0.2855,
0.3076

 11.8686, 0.2581,
0.2851


131.2513, 0.2877,
0.3093

 6.6542, 0.2471,
0.2758

164.7590, 0.2895,
0.3107

 3.2468, 0.2308,
0.2618

203.5332, 0.2910,
0.3120

 1.2619, 0.2042,
0.2384

247.9583, 0.2924,

 0.1114, 0.0079,

0.3131

0.0936

298.4186, 0.2936,
0.3140

0.0000, 0.0000,
0.0000

42.1969, 0.2764,
0.3002

42.1969, 0.2764,
0.3002

37.0032, 0.2604,
0.2857

47.9479, 0.2923,
0.3134

32.3412, 0.2448,
0.2700

54.2700, 0.3078,
0.3254

28.1910, 0.2298,
0.2534

61.1831, 0.3227,
0.3360

24.5287, 0.2159,
0.2360

68.7044, 0.3369,
0.3455

21.3284, 0.2037,
0.2183

76.8502, 0.3503,
0.3539

■ 18.5606, 0.1935,
0.2006

■ 82.5332, 0.3515,
0.3625

■ 16.1905, 0.1856,
0.1835

■ 87.7093, 0.3496,
0.3711

■ 14.7795, 0.1812,
0.1723

■ 93.1488, 0.3478,
0.3796

■ 96.8566, 0.3466,
0.3850

Harmonies

Analogous

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



42.1969, 0.2744, 0.3135



42.1969, 0.2764, 0.3002



42.1969, 0.2879, 0.2949

Triad

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



42.1969, 0.2764, 0.3002



42.1969, 0.3440, 0.3251



42.1969, 0.3182, 0.3623

Complementary

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



42.1969, 0.2764, 0.3002



44.1106, 0.3542, 0.3562

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.



42.1969, 0.3374, 0.3646



42.1969, 0.2764, 0.3002



42.1969, 0.3527, 0.3424

Square

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



42.1969, 0.2764, 0.3002



42.1969, 0.3268, 0.3092



42.1969, 0.3502, 0.3570



42.1969, 0.2981, 0.3501

Rectangle

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



42.1969, 0.2764, 0.3002



42.1969, 0.2995, 0.2963



42.1969, 0.3502, 0.3570



42.1969, 0.3250, 0.3642

Sweetspot

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



42.1986, 0.2764, 0.3002



91.6970, 0.3019, 0.3209



50.0534, 0.2954, 0.3639



19.4790, 0.3009, 0.3202



0.0000, 0.0000, 0.0000



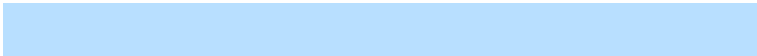
21.4041, 0.3127, 0.3290

Same Dimension

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



42.1986, 0.2764, 0.3002



69.8750, 0.2682, 0.2929



33.9300, 0.2738, 0.2676



11.2292, 0.2983, 0.3182



9.7859, 0.1818, 0.1745



0.6068, 0.1916, 0.2097

Inverse Universe

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



37.6103, 0.3350, 0.2969



60.6764, 0.3413, 0.2894



53.6054, 0.3481, 0.3838



10.7320, 0.3206, 0.3165



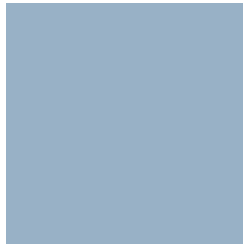
8.5279, 0.4752, 0.2391



0.4183, 0.4345, 0.2167

Previews

White Background



This preview shows how the Yxy color 42.1969, 0.2764, 0.3002 looks on a white background.

Color Contrast Check

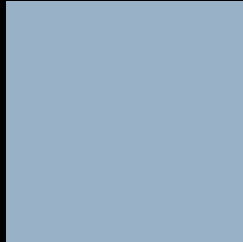
Large Text (above 18pt) WCAG AA × Fail

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 42.1969, 0.2764, 0.3002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

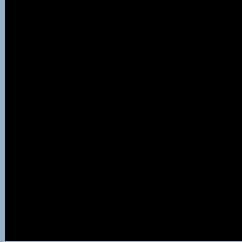
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

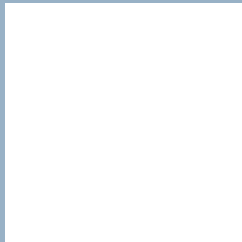
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.1969, 0.2764, 0.3002

Background



This preview shows how black text looks on a background with the Yxy color 42.1969, 0.2764, 0.3002.



This preview shows how white text looks on a background with the Yxy color 42.1969, 0.2764, 0.3002.

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

42.1969, 0.2764, 0.3002

Protanopia

41.9912, 0.2926, 0.2984

Deuteranopia

42.0110, 0.2954, 0.2888



Tritanopia

42.2259, 0.2800, 0.3095

Trichromacy



Original Color

42.1969, 0.2764, 0.3002

Protanomaly

42.0442, 0.2862, 0.2993

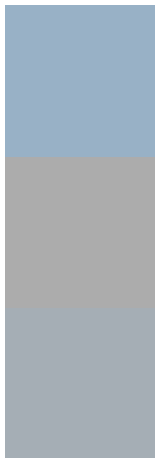
Deuteranomaly

42.0636, 0.2888, 0.2932

Tritanomaly

42.3151, 0.2786, 0.3068

Monochromacy



Original Color

42.1969, 0.2764, 0.3002

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.6076, 0.2993, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1969, 0.2764, 0.3002 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(152, 177, 198)` looks like.

```
.text, #text, p{  
    color:rgb(152, 177, 198)  
}
```

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(152, 177, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 177, 198) }
```

Border

The CSS property to change the border of an element to Yxy 42.1969, 0.2764, 0.3002 is called "border". The border property can be set on classes, ids or directly on the HTML element.

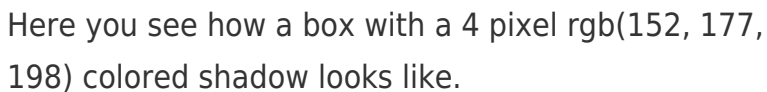
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(152, 177, 198) }
```

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

```
.border{ border-color:rgb(152, 177, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(152, 177, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 177, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 177, 198); box-shadow:4px 4px 4px 4px rgb(152, 177, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1969, 0.2764, 0.3002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 177, 198) }
```

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

```
.background{ background-color: rgb(152,  
177, 198) }
```

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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