

Converting Colors

$Y_{xy}(22.0427, 0.3356, 0.2722)$

Have a look what the booklet for
Yxy(22.0427, 0.3356, 0.2722)
contains.

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Color

Yxy(21.8973, 0.3354, 0.2718)

Conversions

Conversions Part 1

Format	Color
Hex	A67096
RGB	166, 112, 150
RGB Percent	65%, 44%, 59%
CMY	0.3491, 0.5607, 0.4119
CMYK	0.00, 0.33, 0.10, 0.35
HSL	318°, 23%, 55%
HSV	318°, 33%, 65%
XYZ	27.0212, 21.8973, 31.6455
YIQ	132.4780, 19.9860, 23.2660

Conversions

Conversions Part 2

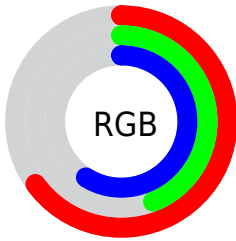
Format	Color
R_{YB}	166, 112, 150
Decimal	10907798
CIE _{Lab}	53.92, 27.40, -11.93
CIE _{LCh}	54, 29.885, 336.469
Yxy	21.8973, 0.3354, 0.2718
Android (android.graphics.Color)	4289097878 (0xFFA67096)
YUV	132.4780, 8.6383, 29.3988
Hunter-Lab	46.7946, 21.1831, -7.3396

Details

The Yxy color $21.8973, 0.3354, 0.2718$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $32.2725, 0.2958, 0.3942$, and the grayscale version is $23.2191, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.4401, 0.3312, 0.2832$, and $7.9666, 0.3433, 0.2523$ is the 20% darker color. If you saturate the color by 10%, you get $18.4110, 0.3447, 0.2542$, and if you desaturate by 10%, it is $26.0675, 0.3272, 0.2898$.

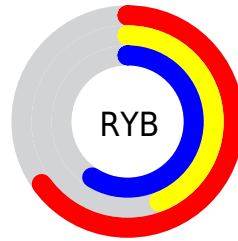
Distribution



Red (65%)

Green (44%)

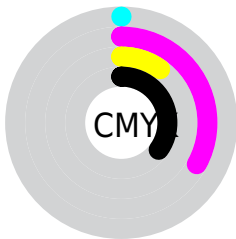
Blue (59%)



Red (65%)

Yellow (44%)

Blue (59%)

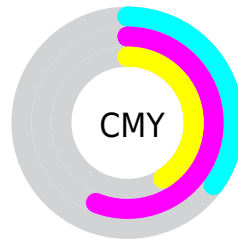


Cyan (0%)

Magenta (33%)

Yellow (10%)

Black (35%)



Cyan (35%)


Magenta (56%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.8973, 0.3354, 0.2718 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 21.8973, 0.3354, 0.2718 by changing the saturation by 10% instead.


 21.8973, 0.3354,
0.2718


 21.8973, 0.3354,
0.2718


262.0095, 0.3233,
0.3026


 13.7815, 0.3387,
0.2633


 46.5762, 0.3308,
0.2836

 7.9688, 0.3431,
0.2519


 63.9080, 0.3291,
0.2878

 4.0750, 0.3493,
0.2359


 85.0807, 0.3277,
0.2913

 1.7156, 0.3584,
0.2116

 110.4785, 0.3266,
0.2943

 0.4337, 0.3826,
0.1503

140.4859, 0.3256,
0.2968

 0.0000, 0.2224,
0.0000

175.4873, 0.3247,

 0.0000, 0.0000,

0.2990

0.0000

215.8670, 0.3240,
0.3009

■ 21.8973, 0.3354,
0.2718

■ 21.8973, 0.3354,
0.2718

■ 18.4110, 0.3447,
0.2542

■ 26.0675, 0.3272,
0.2898

■ 15.5683, 0.3552,
0.2378

■ 30.9531, 0.3201,
0.3076

■ 13.3296, 0.3666,
0.2237


■ 36.5869, 0.3141,
0.3248


■ 11.6491, 0.3787,
0.2128


■ 42.9993, 0.3090,
0.3411


■ 10.4750, 0.3910,
0.2060

■ 50.2186, 0.3047,
0.3563


 9.7453, 0.4033,
0.2039

 58.2718, 0.3011,
0.3704

 9.3839, 0.4125,
0.2046

 67.1847, 0.2980,
0.3834

 76.9820, 0.2955,
0.3954

 83.5338, 0.2932,
0.3999

Harmonies

Analogous

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



21.8973, 0.2817, 0.2496



21.8973, 0.3354, 0.2718



21.8973, 0.3865, 0.3067

Triad

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



21.8973, 0.3354, 0.2718



21.8973, 0.3853, 0.4193



21.8973, 0.2188, 0.2954

Complementary

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



21.8973, 0.3354, 0.2718



32.2725, 0.2958, 0.3942

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.



21.8973, 0.2419, 0.3474



21.8973, 0.3354, 0.2718



21.8973, 0.3369, 0.4254

Square

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



21.8973, 0.3354, 0.2718



21.8973, 0.4155, 0.3891



21.8973, 0.2844, 0.3983



21.8973, 0.2184, 0.2594

Rectangle

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



21.8973, 0.3354, 0.2718



21.8973, 0.4099, 0.3341



21.8973, 0.2844, 0.3983



21.8973, 0.2240, 0.3115

Sweetspot

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



21.8983, 0.3354, 0.2718



58.4464, 0.3186, 0.3117



18.8798, 0.2721, 0.2392



12.7837, 0.3195, 0.3093



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



21.8983, 0.3354, 0.2718



35.0662, 0.3420, 0.2590



21.1450, 0.3696, 0.3109



7.6281, 0.3181, 0.3132



7.2865, 0.4114, 0.2040



0.1856, 0.3754, 0.1842

Inverse Universe

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



21.8983, 0.3354, 0.2718



35.0662, 0.3420, 0.2590



33.0561, 0.2757, 0.3482



7.6281, 0.3181, 0.3132



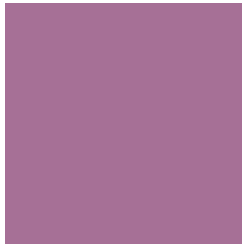
7.2865, 0.4114, 0.2040



0.1856, 0.3754, 0.1842

Previews

White Background



This preview shows how the Yxy color 21.8973, 0.3354, 0.2718 looks on a white background.

Color Contrast Check

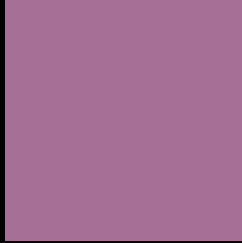
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.8973, 0.3354, 0.2718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

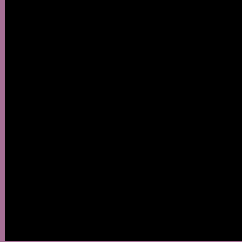
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.8973, 0.3354, 0.2718

Background



This preview shows how black text looks on a background with the Yxy color 21.8973, 0.3354, 0.2718.



This preview shows how white text looks on a background with the Yxy color 21.8973, 0.3354, 0.2718.

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

21.8973, 0.3354, 0.2718

Protanopia

22.0765, 0.2723, 0.2728

Deuteranopia

22.0148, 0.2983, 0.2932



Tritanopia

21.9898, 0.3622, 0.3165

Trichromacy



Original Color

21.8973, 0.3354, 0.2718

Protanomaly

21.6718, 0.2924, 0.2713

Deuteranomaly

21.8326, 0.3112, 0.2848

Tritanomaly

21.8752, 0.3525, 0.2995

Monochromacy



Original Color

21.8973, 0.3354, 0.2718

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.4606, 0.3198, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.8973, 0.3354, 0.2718 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(166, 112, 150)` looks like.

```
.text, #text, p{  
    color:rgb(166, 112, 150)  
}
```

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(166, 112, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 112, 150) }
```

Border

The CSS property to change the border of an element to Yxy 21.8973, 0.3354, 0.2718 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(166, 112, 150) }
```

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

```
.border{ border-color:rgb(166, 112, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 112, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 112, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 112, 150);  
box-shadow:4px 4px 4px 4px rgb(166, 112,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 21.8973, 0.3354, 0.2718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 112, 150) }
```

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

```
.background{ background-color: rgb(166,  
112, 150) }
```

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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