

Converting Colors

$Y_{xy}(22.9177, 0.3021, 0.2599)$

Have a look what the booklet for
Yxy(22.9177, 0.3021, 0.2599)
contains.

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Color

Yxy(22.9219, 0.3022, 0.2599)

Conversions

Conversions Part 1

Format	Color
Hex	9978A5
RGB	153, 120, 165
RGB Percent	60%, 47%, 65%
CMY	0.3998, 0.5295, 0.3529
CMYK	0.07, 0.27, 0.00, 0.35
HSL	284°, 20%, 56%
HSV	284°, 27%, 65%
XYZ	26.6526, 22.9219, 38.6206
YIQ	134.9970, 5.2230, 20.9910

Conversions

Conversions Part 2

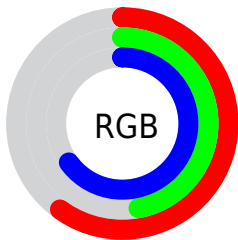
Format	Color
R_{YB}	153, 120, 165
Decimal	10057893
CIE _{Lab}	54.99, 21.27, -19.17
CIE _{LCh}	55, 28.636, 317.965
Yxy	22.9219, 0.3022, 0.2599
Android (android.graphics.Color)	4288247973 (0xFF9978A5)
YUV	134.9970, 14.7915, 15.7886
Hunter-Lab	47.8768, 15.5847, -14.3135

Details

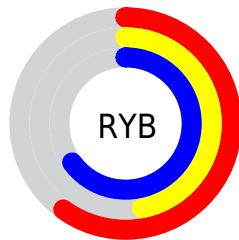
The Yxy color $22.9219, 0.3022, 0.2599$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $33.1695, 0.3202, 0.4030$, and the grayscale version is $24.1719, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.4643, 0.3051, 0.2745$, and $8.4654, 0.2964, 0.2367$ is the 20% darker color. If you saturate the color by 10%, you get $18.8720, 0.2971, 0.2333$, and if you desaturate by 10%, it is $27.6733, 0.3066, 0.2862$.

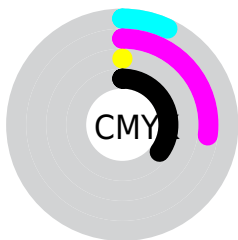
Distribution



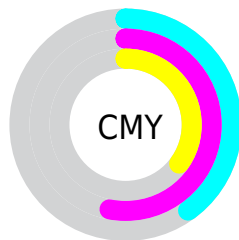
- Red (60%)
- Green (47%)
- Blue (65%)



- Red (60%)
- Yellow (47%)
- Blue (65%)



- Cyan (7%)
- Magenta (27%)
- Yellow (0%)
- Black (35%)





- Cyan (40%)
- Magenta (53%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.9219, 0.3022, 0.2599 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 22.9219, 0.3022, 0.2599 by changing the saturation by 10% instead.


 22.9219, 0.3022,
0.2599


 22.9219, 0.3022,
0.2599

267.3236, 0.3087,
0.2966


 14.5358, 0.3001,
0.2500


 48.2651, 0.3049,
0.2738

 8.4943, 0.2970,
0.2369


 65.9910, 0.3058,
0.2788

 4.4128, 0.2922,
0.2186

 87.5989, 0.3065,
0.2830

 1.9071, 0.2840,
0.1918

113.4733, 0.3071,
0.2866

 0.5526, 0.2704,
0.1408

143.9986, 0.3076,
0.2897

 0.0000, 0.0000,
0.0000

179.5592, 0.3080,

0.2923

220.5394, 0.3084,
0.2946

■ 22.9219, 0.3022,
0.2599

■ 22.9219, 0.3022,
0.2599

■ 18.8720, 0.2971,
0.2333

■ 27.6733, 0.3066,
0.2862

■ 15.4854, 0.2913,
0.2074

■ 33.1561, 0.3104,
0.3114

■ 12.7248, 0.2849,
0.1830

■ 39.4018, 0.3135,
0.3353

■ 10.5478, 0.2780,
0.1612

■ 46.4392, 0.3160,
0.3575

■ 8.9067, 0.2710,
0.1432

■ 54.2959, 0.3181,
0.3779

7.7462, 0.2639,
0.1296

62.9977, 0.3197,
0.3965

6.9795, 0.2570,
0.1202

72.5696, 0.3209,
0.4134

6.7957, 0.2551,
0.1179

83.0354, 0.3219,
0.4286

85.5071, 0.3243,
0.4305

Harmonies

Analogous

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



22.9219, 0.2572, 0.2485



22.9219, 0.3022, 0.2599



22.9219, 0.3540, 0.2864

Triad

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



22.9219, 0.3022, 0.2599



22.9219, 0.4018, 0.3989



22.9219, 0.2348, 0.3267

Complementary

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



22.9219, 0.3022, 0.2599



33.1695, 0.3202, 0.4030

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.



22.9219, 0.2689, 0.3774



22.9219, 0.3022, 0.2599



22.9219, 0.3654, 0.4198

Square

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



22.9219, 0.3022, 0.2599



22.9219, 0.4140, 0.3630



22.9219, 0.3166, 0.4134



22.9219, 0.2209, 0.2822

Rectangle

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



22.9219, 0.3022, 0.2599



22.9219, 0.3843, 0.3100



22.9219, 0.3166, 0.4134



22.9219, 0.2441, 0.3439

Sweetspot

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



22.9229, 0.3022, 0.2599



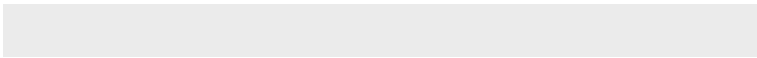
58.4771, 0.3101, 0.3093



23.2082, 0.2685, 0.2734



12.4591, 0.3096, 0.3057



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



22.9229, 0.3022, 0.2599



36.3243, 0.2990, 0.2431



23.7787, 0.3276, 0.2772



7.1071, 0.3097, 0.3066



5.1657, 0.2558, 0.1183



0.1296, 0.2808, 0.1320

Inverse Universe

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



23.0931, 0.3549, 0.3106



36.7446, 0.3685, 0.3061



32.5299, 0.3006, 0.3871



7.1154, 0.3245, 0.3231



6.1954, 0.5834, 0.2988



0.1375, 0.4882, 0.2463

Previews

White Background



This preview shows how the Yxy color 22.9219, 0.3022, 0.2599 looks on a white background.

Color Contrast Check

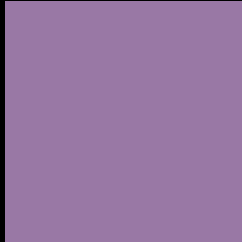
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9219, 0.3022, 0.2599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

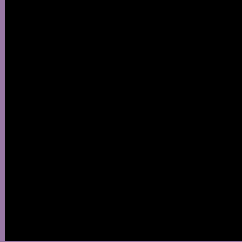
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9219, 0.3022, 0.2599

Background



This preview shows how black text looks on a background with the Yxy color 22.9219, 0.3022, 0.2599.



This preview shows how white text looks on a background with the Yxy color 22.9219, 0.3022, 0.2599.

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

22.9219, 0.3022, 0.2599

Protanopia

22.9369, 0.2623, 0.2596

Deuteranopia

23.0120, 0.2787, 0.2727



Tritanopia

23.0605, 0.3302, 0.3142

Trichromacy



Original Color

22.9219, 0.3022, 0.2599

Protanomaly

22.6918, 0.2759, 0.2594

Deuteranomaly

23.0053, 0.2868, 0.2678

Tritanomaly

22.9747, 0.3191, 0.2936

Monochromacy



Original Color

22.9219, 0.3022, 0.2599

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.7914, 0.3094, 0.3026

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9219, 0.3022, 0.2599 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(153, 120, 165)` looks like.

```
.text, #text, p{  
    color:rgb(153, 120, 165)  
}
```

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(153, 120, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 120, 165) }
```

Border

The CSS property to change the border of an element to Yxy 22.9219, 0.3022, 0.2599 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(153, 120, 165) }
```

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

```
.border{ border-color:rgb(153, 120, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 120, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 120, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 120, 165);  
box-shadow:4px 4px 4px 4px rgb(153, 120,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9219, 0.3022, 0.2599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 120, 165) }
```

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

```
.background{ background-color: rgb(153,  
120, 165) }
```

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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