

Converting Colors

$Y_{xy}(22.2702, 0.3045, 0.2521)$

Have a look what the booklet for
Yxy(22.2702, 0.3045, 0.2521)
contains.

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Color

Yxy(22.3119, 0.3046, 0.2532)

Conversions

Conversions Part 1

Format	Color
Hex	9C74A6
RGB	156, 116, 166
RGB Percent	61%, 45%, 65%
CMY	0.3882, 0.5451, 0.3490
CMYK	0.06, 0.30, 0.00, 0.35
HSL	288°, 22%, 55%
HSV	288°, 30%, 65%
XYZ	26.8413, 22.3119, 38.9665
YIQ	133.6600, 7.7900, 24.0300

Conversions

Conversions Part 2

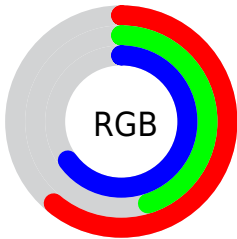
Format	Color
R _{YB}	156, 116, 166
Decimal	10253478
CIE _{Lab}	54.36, 24.78, -20.69
CIE _{LCh}	54, 32.281, 320.136
Yxy	22.3119, 0.3046, 0.2532
Android (android.graphics.Color)	4288443558 (0xFF9C74A6)
YUV	133.6600, 15.9436, 19.5922
Hunter-Lab	47.2355, 18.7694, -15.8460

Details

The Yxy color $22.3119, 0.3046, 0.2532$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $32.9656, 0.3177, 0.4126$, and the grayscale version is $23.6483, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.0746, 0.3070, 0.2680$, and $8.1723, 0.2999, 0.2279$ is the 20% darker color. If you saturate the color by 10%, you get $18.4960, 0.3009, 0.2275$, and if you desaturate by 10%, it is $26.8225, 0.3078, 0.2791$.

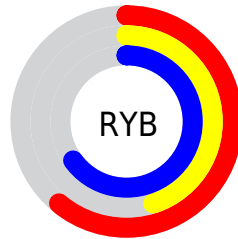
Distribution



Red (61%)

Green (45%)

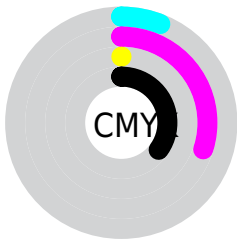
Blue (65%)



Red (61%)

Yellow (45%)

Blue (65%)

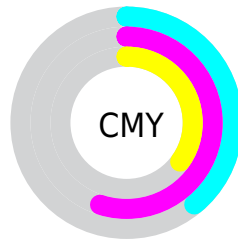


Cyan (6%)

Magenta (30%)

Yellow (0%)

Black (35%)



Cyan (39%)


Magenta (55%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.3119, 0.3046, 0.2532 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 22.3119, 0.3046, 0.2532 by changing the saturation by 10% instead.


 22.3119, 0.3046,
0.2532


 22.3119, 0.3046,
0.2532


264.1708, 0.3099,
0.2934


 14.0863, 0.3027,
0.2424


 47.2610, 0.3069,
0.2683

 8.1807, 0.3000,
0.2282


 64.7532, 0.3076,
0.2739

 4.2108, 0.2956,
0.2086


 86.1030, 0.3082,
0.2785

 1.7922, 0.2878,
0.1799

111.6949, 0.3087,
0.2824

 0.4823, 0.2757,
0.1228

141.9132, 0.3091,
0.2857

 0.0000, 0.0142,
0.0000

177.1424, 0.3094,

 0.0000, 0.0000,

0.2886

0.0000

217.7668, 0.3097,
0.2912

■ 22.3119, 0.3046,
0.2532

■ 22.3119, 0.3046,
0.2532

■ 18.4960, 0.3009,
0.2275

■ 26.8225, 0.3078,
0.2791

■ 15.3355, 0.2966,
0.2028

■ 32.0588, 0.3105,
0.3045

■ 12.7914, 0.2919,
0.1803

■ 38.0532, 0.3127,
0.3287

■ 10.8195, 0.2869,
0.1609

■ 44.8354, 0.3144,
0.3515

■ 9.3695, 0.2816,
0.1454

■ 52.4336, 0.3158,
0.3726

■ 8.3824, 0.2764,
0.1343

■ 60.8743, 0.3169,
0.3919

■ 7.7298, 0.2713,
0.1268

■ 70.1832, 0.3176,
0.4095

■ 80.3845, 0.3182,
0.4255

■ 84.6905, 0.3196,
0.4307

Harmonies

Analogous

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



22.3119, 0.2530, 0.2390



22.3119, 0.3046, 0.2532



22.3119, 0.3635, 0.2836

Triad

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



22.3119, 0.3046, 0.2532



22.3119, 0.4111, 0.4097



22.3119, 0.2229, 0.3216

Complementary

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



22.3119, 0.3046, 0.2532



32.9656, 0.3177, 0.4126

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.



22.3119, 0.2594, 0.3805



22.3119, 0.3046, 0.2532



22.3119, 0.3680, 0.4330

Square

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



22.3119, 0.3046, 0.2532



22.3119, 0.4280, 0.3694



22.3119, 0.3122, 0.4242



22.3119, 0.2095, 0.2724

Rectangle

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



22.3119, 0.3046, 0.2532



22.3119, 0.3975, 0.3101



22.3119, 0.3122, 0.4242



22.3119, 0.2327, 0.3412

Sweetspot

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



22.3129, 0.3046, 0.2532



59.1644, 0.3107, 0.3068



21.3864, 0.2627, 0.2608



12.9177, 0.3104, 0.3033



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.



22.3129, 0.3046, 0.2532



35.8238, 0.3022, 0.2363



22.8307, 0.3335, 0.2763



7.5899, 0.3107, 0.3065



6.0141, 0.2717, 0.1271



0.1650, 0.2890, 0.1366

Inverse Universe

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



22.1020, 0.3652, 0.3136



35.4404, 0.3815, 0.3101



32.6226, 0.2968, 0.3883



7.5659, 0.3256, 0.3245



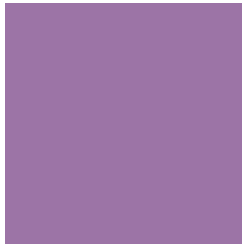
6.3778, 0.6039, 0.3100



0.1619, 0.5211, 0.2644

Previews

White Background



This preview shows how the Yxy color 22.3119, 0.3046, 0.2532 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 22.3119, 0.3046, 0.2532 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 22.3119, 0.3046, 0.2532

Background



This preview shows how black text looks on a background with the Yxy color 22.3119, 0.3046, 0.2532.



This preview shows how white text looks on a background with the Yxy color 22.3119, 0.3046, 0.2532.

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

22.3119, 0.3046, 0.2532

Protanopia

22.5776, 0.2570, 0.2531

Deuteranopia

22.5543, 0.2746, 0.2690



Tritanopia

22.4112, 0.3367, 0.3143

Trichromacy



Original Color

22.3119, 0.3046, 0.2532

Protanomaly

22.2192, 0.2720, 0.2517

Deuteranomaly

22.4503, 0.2847, 0.2628

Tritanomaly

22.2189, 0.3255, 0.2906

Monochromacy



Original Color

22.3119, 0.3046, 0.2532

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.0048, 0.3096, 0.2976

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3119, 0.3046, 0.2532 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(156, 116, 166)` looks like.

```
.text, #text, p{  
    color:rgb(156, 116, 166)  
}
```

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(156, 116, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 116, 166) }
```

Border

The CSS property to change the border of an element to Yxy 22.3119, 0.3046, 0.2532 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(156, 116, 166) }
```

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

```
.border{ border-color:rgb(156, 116, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 116, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 116, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 116, 166);  
box-shadow:4px 4px 4px 4px rgb(156, 116,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3119, 0.3046, 0.2532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 116, 166) }
```

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

```
.background{ background-color: rgb(156,  
116, 166) }
```

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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