

Converting Colors

$Y_{xy}(22.1292, 0.3089, 0.2462)$

Have a look what the booklet for
Yxy(22.1292, 0.3089, 0.2462)
contains.

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Color

Yxy(22.0969, 0.3095, 0.2463)

Conversions

Conversions Part 1

Format	Color
Hex	A270A8
RGB	162, 112, 168
RGB Percent	64%, 44%, 66%
CMY	0.3646, 0.5608, 0.3411
CMYK	0.04, 0.33, 0.00, 0.34
HSL	294°, 24%, 55%
HSV	294°, 33%, 66%
XYZ	27.7669, 22.0969, 39.8516
YIQ	133.3340, 11.8240, 28.0160

Conversions

Conversions Part 2

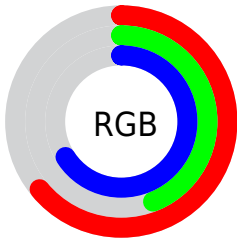
Format	Color
R_{YB}	162, 112, 168
Decimal	10645672
CIE _{Lab}	54.13, 29.48, -22.15
CIE _{LCh}	54, 36.877, 323.085
Yxy	22.0969, 0.3095, 0.2463
Android (android.graphics.Color)	4288835752 (0xFFA270A8)
YUV	133.3340, 17.0903, 25.1401
Hunter-Lab	47.0073, 23.1759, -17.3594

Details

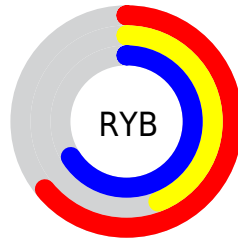
The Yxy color **22.0969, 0.3095, 0.2463** is a light color, and the websafe version is hex **996699**. A complement of this color would be **33.0278, 0.3134, 0.4243**, and the grayscale version is **23.5176, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.7841, 0.3115, 0.2625**, and **8.0672, 0.3054, 0.2193** is the 20% darker color. If you saturate the color by 10%, you get **18.5437, 0.3079, 0.2220**, and if you desaturate by 10%, it is **26.3465, 0.3108, 0.2715**.

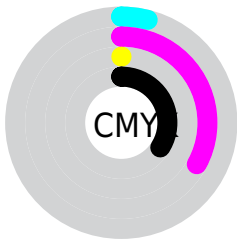
Distribution



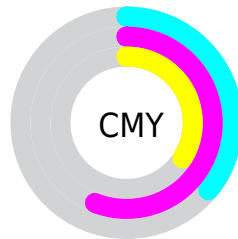
- Red (64%)
- Green (44%)
- Blue (66%)



- Red (64%)
- Yellow (44%)
- Blue (66%)



- Cyan (4%)
- Magenta (33%)
- Yellow (0%)
- Black (34%)




- Cyan (36%)
- Magenta (56%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0969, 0.3095, 0.2463 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 22.0969, 0.3095, 0.2463 by changing the saturation by 10% instead.

 22.0969, 0.3095,
0.2463


 22.0969, 0.3095,
0.2463

263.0519, 0.3123,
0.2899


 13.9281, 0.3083,
0.2348


 46.9061, 0.3109,
0.2626


 8.0707, 0.3063,
0.2196


 64.3153, 0.3113,
0.2686

 4.1402, 0.3031,
0.1988


 85.5734, 0.3116,
0.2736

 1.7523, 0.2968,
0.1690

 111.0649, 0.3118,
0.2778

 0.4572, 0.2876,
0.1101

141.1741, 0.3120,
0.2815

 0.0000, 0.1082,
0.0000

176.2854, 0.3121,

 0.0000, 0.0000,

0.2846

0.0000

216.7832, 0.3122,
0.2874

■ 22.0969, 0.3095,
0.2463

■ 22.0969, 0.3095,
0.2463

■ 18.5437, 0.3079,
0.2220

■ 26.3465, 0.3108,
0.2715

■ 15.6453, 0.3060,
0.1994

■ 31.3251, 0.3118,
0.2966

■ 13.3605, 0.3038,
0.1796


■ 37.0669, 0.3125,
0.3211


■ 11.6418, 0.3014,
0.1633


■ 43.6029, 0.3130,
0.3444


■ 10.4352, 0.2988,
0.1511

■ 50.9625, 0.3133,
0.3662


 9.6756, 0.2961,
0.1433

 59.1736, 0.3135,
0.3865

 9.3180, 0.2943,
0.1395

 68.2628, 0.3135,
0.4050

 78.2554, 0.3134,
0.4219

 83.8330, 0.3139,
0.4298

Harmonies

Analogous

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



22.0969, 0.2497, 0.2283



22.0969, 0.3095, 0.2463



22.0969, 0.3770, 0.2815

Triad

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



22.0969, 0.3095, 0.2463



22.0969, 0.4204, 0.4234



22.0969, 0.2083, 0.3132

Complementary

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



22.0969, 0.3095, 0.2463



33.0278, 0.3134, 0.4243

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.



22.0969, 0.2464, 0.3819



22.0969, 0.3095, 0.2463



22.0969, 0.3686, 0.4492

Square

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



22.0969, 0.3095, 0.2463



22.0969, 0.4441, 0.3780



22.0969, 0.3048, 0.4363



22.0969, 0.1964, 0.2596

Rectangle

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



22.0969, 0.3095, 0.2463



22.0969, 0.4147, 0.3116



22.0969, 0.3048, 0.4363



22.0969, 0.2182, 0.3355

Sweetspot

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



22.0979, 0.3095, 0.2463



59.9764, 0.3120, 0.3044



19.3526, 0.2557, 0.2439



12.7775, 0.3119, 0.3011



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.



22.0979, 0.3095, 0.2463



35.2109, 0.3083, 0.2282



22.0040, 0.3422, 0.2771



7.6253, 0.3121, 0.3066



7.0491, 0.2946, 0.1397



0.1827, 0.3039, 0.1448

Inverse Universe

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



21.2193, 0.3801, 0.3199



33.4170, 0.4024, 0.3179



33.1590, 0.2916, 0.3876



7.5548, 0.3269, 0.3266



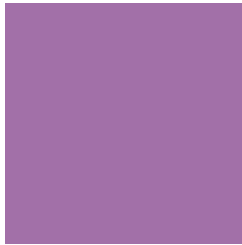
6.3234, 0.6248, 0.3216



0.1577, 0.5683, 0.2904

Previews

White Background



This preview shows how the Yxy color 22.0969, 0.3095, 0.2463 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 22.0969, 0.3095, 0.2463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

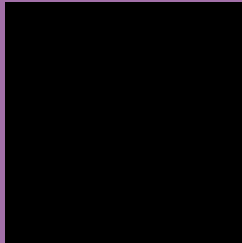
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0969, 0.3095, 0.2463

Background



This preview shows how black text looks on a background with the Yxy color 22.0969, 0.3095, 0.2463.



This preview shows how white text looks on a background with the Yxy color 22.0969, 0.3095, 0.2463.

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

22.0969, 0.3095, 0.2463

Protanopia

22.3110, 0.2503, 0.2439

Deuteranopia

22.1804, 0.2716, 0.2655



Tritanopia

22.1860, 0.3486, 0.3146

Trichromacy



Original Color

22.0969, 0.3095, 0.2463

Protanomaly

21.8790, 0.2682, 0.2429

Deuteranomaly

22.0755, 0.2846, 0.2583

Tritanomaly

22.0767, 0.3345, 0.2882

Monochromacy



Original Color

22.0969, 0.3095, 0.2463

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.6718, 0.3120, 0.2944

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0969, 0.3095, 0.2463 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(162, 112, 168)` looks like.

```
.text, #text, p{  
    color:rgb(162, 112, 168)  
}
```

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(162, 112, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 112, 168) }
```

Border

The CSS property to change the border of an element to Yxy 22.0969, 0.3095, 0.2463 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(162, 112, 168) }
```

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

```
.border{ border-color:rgb(162, 112, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 112, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 112, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 112, 168);  
box-shadow:4px 4px 4px 4px rgb(162, 112,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0969, 0.3095, 0.2463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 112, 168) }
```

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

```
.background{ background-color: rgb(162,  
112, 168) }
```

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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