

Converting Colors

$Y_{xy}(22.6552, 0.3379, 0.2607)$

Have a look what the booklet for
Yxy(22.6552, 0.3379, 0.2607)
contains.

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Color

Yxy(22.7001, 0.3381, 0.2616)

Conversions

Conversions Part 1

Format	Color
Hex	AF6E9D
RGB	175, 110, 157
RGB Percent	69%, 43%, 62%
CMY	0.3138, 0.5686, 0.3843
CMYK	0.00, 0.37, 0.10, 0.31
HSL	317°, 29%, 56%
HSV	317°, 37%, 69%
XYZ	29.3383, 22.7001, 34.7357
YIQ	134.7930, 23.6530, 28.3970

Conversions

Conversions Part 2

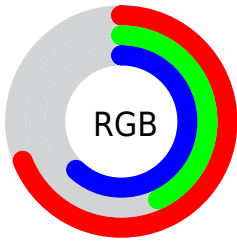
Format	Color
R _Y B	175, 110, 157
Decimal	11497117
CIE Lab	54.76, 32.90, -14.65
CIE LCh	55, 36.018, 335.992
Yxy	22.7001, 0.3381, 0.2616
Android (android.graphics.Color)	4289687197 (0xFFAF6E9D)
YUV	134.7930, 10.9481, 35.2615
Hunter-Lab	47.6446, 26.5376, -9.8746

Details

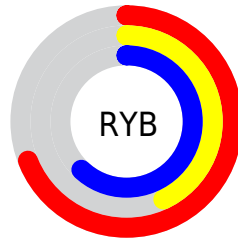
The Yxy color $22.7001, 0.3381, 0.2616$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $35.5275, 0.2945, 0.4079$, and the grayscale version is $24.1007, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.1037, 0.3332, 0.2751$, and $8.3373, 0.3453, 0.2379$ is the 20% darker color. If you saturate the color by 10%, you get $19.1281, 0.3473, 0.2440$, and if you desaturate by 10%, it is $27.0263, 0.3299, 0.2800$.

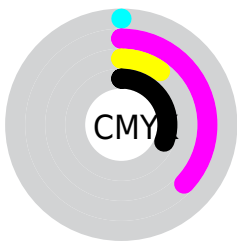
Distribution



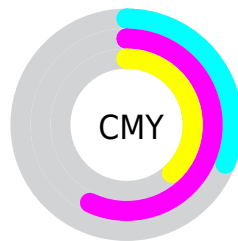
- Red (69%)
- Green (43%)
- Blue (62%)



- Red (69%)
- Yellow (43%)
- Blue (62%)



- Cyan (0%)
- Magenta (37%)
- Yellow (10%)
- Black (31%)





- Cyan (31%)
- Magenta (57%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.7001, 0.3381, 0.2616 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 22.7001, 0.3381, 0.2616 by changing the saturation by 10% instead.


 22.7001, 0.3381,
0.2616


 22.7001, 0.3381,
0.2616


266.1809, 0.3248,
0.2973


 14.3722, 0.3416,
0.2520


 47.9004, 0.3331,
0.2751


 8.3800, 0.3462,
0.2393


 65.5417, 0.3313,
0.2800

 4.3391, 0.3525,
0.2216


 87.0561, 0.3298,
0.2841

 1.8650, 0.3615,
0.1956

 112.8282, 0.3285,
0.2876

 0.5272, 0.3800,
0.1437

143.2424, 0.3274,
0.2905

 0.0000, 0.3906,
0.0000

178.6829, 0.3264,

 0.0000, 0.0000,

0.2931

0.0000

219.5343, 0.3256,
0.2953

■ 22.7001, 0.3381,
0.2616

■ 22.7001, 0.3381,
0.2616

■ 19.1281, 0.3473,
0.2440

■ 27.0263, 0.3299,
0.2800

■ 16.2631, 0.3575,
0.2282

■ 32.1442, 0.3227,
0.2985

■ 14.0572, 0.3684,
0.2151

■ 38.0925, 0.3165,
0.3166


■ 12.4554, 0.3798,
0.2057


■ 44.9064, 0.3113,
0.3339


■ 11.3938, 0.3912,
0.2008


■ 52.6190, 0.3069,
0.3501


 10.7784, 0.4023,
0.2005

 61.2619, 0.3031,
0.3652

 10.6330, 0.4055,
0.2008

 70.8649, 0.3000,
0.3792

 81.4566, 0.2974,
0.3920

 84.8295, 0.2949,
0.3913

Harmonies

Analogous

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



22.7001, 0.2746, 0.2363



22.7001, 0.3381, 0.2616



22.7001, 0.3998, 0.3014

Triad

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



22.7001, 0.3381, 0.2616



22.7001, 0.3982, 0.4349



22.7001, 0.2031, 0.2888

Complementary

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



22.7001, 0.3381, 0.2616



35.5275, 0.2945, 0.4079

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.



22.7001, 0.2296, 0.3514



22.7001, 0.3381, 0.2616



22.7001, 0.3410, 0.4452

Square

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



22.7001, 0.3381, 0.2616



22.7001, 0.4345, 0.3971



22.7001, 0.2793, 0.4138



22.7001, 0.2025, 0.2470

Rectangle

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



22.7001, 0.3381, 0.2616



22.7001, 0.4281, 0.3328



22.7001, 0.2793, 0.4138



22.7001, 0.2090, 0.3080

Sweetspot

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



22.7011, 0.3381, 0.2616



63.7266, 0.3189, 0.3093



18.7871, 0.2636, 0.2239



13.8495, 0.3198, 0.3070



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



22.7011, 0.3381, 0.2616



35.0542, 0.3460, 0.2463



21.7517, 0.3800, 0.3066



8.1097, 0.3178, 0.3127



7.6270, 0.4043, 0.2001



0.2208, 0.3740, 0.1834

Inverse Universe

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



22.7011, 0.3381, 0.2616



35.0542, 0.3460, 0.2463



36.5011, 0.2718, 0.3532



8.1097, 0.3178, 0.3127



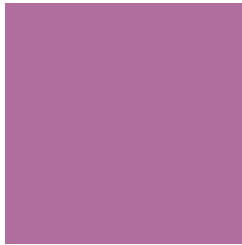
7.6270, 0.4043, 0.2001



0.2208, 0.3740, 0.1834

Previews

White Background



This preview shows how the Yxy color 22.7001, 0.3381, 0.2616 looks on a white background.

Color Contrast Check

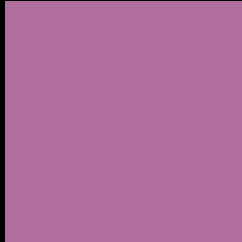
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7001, 0.3381, 0.2616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

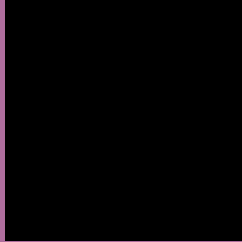
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.7001, 0.3381, 0.2616

Background



This preview shows how black text looks on a background with the Yxy color 22.7001, 0.3381, 0.2616.



This preview shows how white text looks on a background with the Yxy color 22.7001, 0.3381, 0.2616.

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

22.7001, 0.3381, 0.2616

Protanopia

22.9705, 0.2641, 0.2612

Deuteranopia

22.7580, 0.2913, 0.2855



Tritanopia

22.6294, 0.3728, 0.3155

Trichromacy



Original Color

22.7001, 0.3381, 0.2616

Protanomaly

22.5818, 0.2879, 0.2606

Deuteranomaly

22.3372, 0.3071, 0.2747

Tritanomaly

22.6114, 0.3590, 0.2947

Monochromacy



Original Color

22.7001, 0.3381, 0.2616

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.3889, 0.3222, 0.3015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.7001, 0.3381, 0.2616 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(175, 110, 157)` looks like.

```
.text, #text, p{  
    color:rgb(175, 110, 157)  
}
```

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(175, 110, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 110, 157) }
```

Border

The CSS property to change the border of an element to Yxy 22.7001, 0.3381, 0.2616 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(175, 110, 157) }
```

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

```
.border{ border-color:rgb(175, 110, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 110, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 110, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 110, 157);  
box-shadow:4px 4px 4px 4px rgb(175, 110,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 22.7001, 0.3381, 0.2616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 110, 157) }
```

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

```
.background{ background-color: rgb(175,  
110, 157) }
```

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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