

Converting Colors

$Y_{xy}(22.0221, 0.3634, 0.2812)$

Have a look what the booklet for
Yxy(22.0221, 0.3634, 0.2812)
contains.

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Color

Yxy(22.1132, 0.3629, 0.2813)

Conversions

Conversions Part 1

Format	Color
Hex	B26C8D
RGB	178, 108, 141
RGB Percent	70%, 42%, 55%
CMY	0.3020, 0.5764, 0.4470
CMYK	0.00, 0.39, 0.21, 0.30
HSL	332°, 31%, 56%
HSV	332°, 39%, 70%
XYZ	28.5278, 22.1132, 27.9697
YIQ	132.6920, 31.1270, 25.1030

Conversions

Conversions Part 2

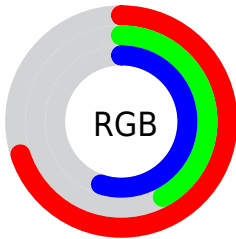
Format	Color
R_{YB}	178, 108, 141
Decimal	11693197
CIE _{Lab}	54.15, 32.41, -6.19
CIE _{LCh}	54, 32.999, 349.181
Yxy	22.1132, 0.3629, 0.2813
Android (android.graphics.Color)	4289883277 (0xFFB26C8D)
YUV	132.6920, 4.0958, 39.7351
Hunter-Lab	47.0247, 25.9950, -2.3477

Details

The Yxy color $22.1132, 0.3629, 0.2813$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $37.0657, 0.2812, 0.3830$, and the grayscale version is $23.3152, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.0920, 0.3517, 0.2913$, and $8.0665, 0.3826, 0.2635$ is the 20% darker color. If you saturate the color by 10%, you get $18.4668, 0.3820, 0.2695$, and if you desaturate by 10%, it is $26.5518, 0.3466, 0.2938$.

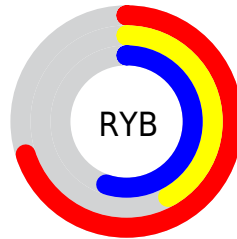
Distribution



Red (70%)

Green (42%)

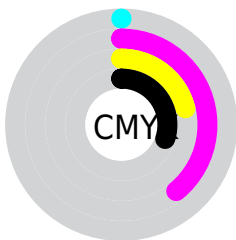
Blue (55%)



Red (70%)

Yellow (42%)

Blue (55%)

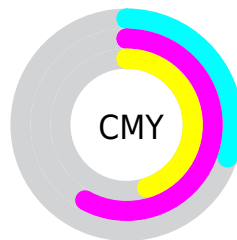


Cyan (0%)

Magenta (39%)

Yellow (21%)

Black (30%)



Cyan (30%)


Magenta (58%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.1132, 0.3629, 0.2813 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 22.1132, 0.3629, 0.2813 by changing the saturation by 10% instead.


 22.1132, 0.3629,
0.2813


 22.1132, 0.3629,
0.2813


263.1369, 0.3351,
0.3073


 13.9401, 0.3709,
0.2740


 46.9330, 0.3521,
0.2913


 8.0790, 0.3818,
0.2642


 64.3485, 0.3483,
0.2949

 4.1456, 0.3978,
0.2501

 85.6136, 0.3451,
0.2978

 1.7553, 0.4232,
0.2283

 111.1127, 0.3425,
0.3003

 0.4591, 0.4809,
0.1712

141.2302, 0.3402,
0.3024

 0.0000, 1.0000,
0.0000

176.3505, 0.3383,

 0.0000, 0.0000,

0.3043

0.0000

216.8579, 0.3366,
0.3059

■ 22.1132, 0.3629,
0.2813

■ 22.1132, 0.3629,
0.2813

■ 18.4668, 0.3820,
0.2695

■ 26.5518, 0.3466,
0.2938

■ 15.5619, 0.4038,
0.2594

■ 31.8230, 0.3330,
0.3062

■ 13.3469, 0.4281,
0.2520


■ 37.9682, 0.3216,
0.3183


■ 11.7621, 0.4539,
0.2486


■ 45.0251, 0.3121,
0.3298


■ 10.7373, 0.4802,
0.2502


■ 53.0292, 0.3043,
0.3404

 10.1387, 0.5056,
0.2564

 62.0139, 0.2979,
0.3503

 10.1019, 0.5073,
0.2568

 72.0114, 0.2926,
0.3594

 83.0519, 0.2882,
0.3677

 86.4541, 0.2836,
0.3616

Harmonies

Analogous

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



22.1132, 0.3024, 0.2508



22.1132, 0.3629, 0.2813



22.1132, 0.4119, 0.3229

Triad

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



22.1132, 0.3629, 0.2813



22.1132, 0.3708, 0.4353



22.1132, 0.2072, 0.2722

Complementary

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



22.1132, 0.3629, 0.2813



37.0657, 0.2812, 0.3830

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.



22.1132, 0.2216, 0.3232



22.1132, 0.3629, 0.2813



22.1132, 0.3139, 0.4277

Square

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



22.1132, 0.3629, 0.2813



22.1132, 0.4145, 0.4103



22.1132, 0.2595, 0.3837



22.1132, 0.2172, 0.2431

Rectangle

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



22.1132, 0.3629, 0.2813



22.1132, 0.4285, 0.3534



22.1132, 0.2595, 0.3837



22.1132, 0.2093, 0.2871

Sweetspot

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



22.1142, 0.3629, 0.2813



65.4743, 0.3246, 0.3149



19.8856, 0.2787, 0.2223



14.1825, 0.3261, 0.3133



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



22.1142, 0.3629, 0.2813



34.3995, 0.3789, 0.2712



21.5214, 0.4084, 0.3310



8.5698, 0.3216, 0.3183



7.2424, 0.5047, 0.2554



0.2397, 0.4405, 0.2201

Inverse Universe

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



22.1142, 0.3629, 0.2813



34.3995, 0.3789, 0.2712



37.7735, 0.2589, 0.3270



8.5698, 0.3216, 0.3183



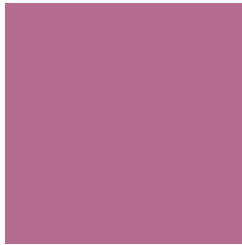
7.2424, 0.5047, 0.2554



0.2397, 0.4405, 0.2201

Previews

White Background



This preview shows how the Yxy color 22.1132, 0.3629, 0.2813 looks on a white background.

Color Contrast Check

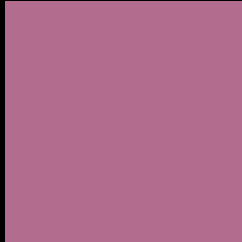
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1132, 0.3629, 0.2813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

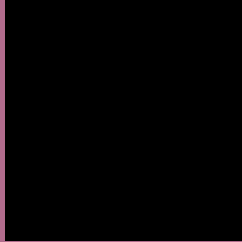
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.1132, 0.3629, 0.2813

Background



This preview shows how black text looks on a background with the Yxy color 22.1132, 0.3629, 0.2813.



This preview shows how white text looks on a background with the Yxy color 22.1132, 0.3629, 0.2813.

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

22.1132, 0.3629, 0.2813

Protanopia

22.3936, 0.2829, 0.2861

Deuteranopia

22.2457, 0.3149, 0.3086



Tritanopia

22.1745, 0.3876, 0.3173

Trichromacy



Original Color

22.1132, 0.3629, 0.2813

Protanomaly

21.7740, 0.3089, 0.2831

Deuteranomaly

21.8300, 0.3315, 0.2967

Tritanomaly

22.2745, 0.3783, 0.3041

Monochromacy



Original Color

22.1132, 0.3629, 0.2813

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.5824, 0.3293, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1132, 0.3629, 0.2813 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(178, 108, 141)` looks like.

```
.text, #text, p{  
    color:rgb(178, 108, 141)  
}
```

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(178, 108, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 108, 141) }
```

Border

The CSS property to change the border of an element to Yxy 22.1132, 0.3629, 0.2813 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(178, 108, 141) }
```

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

```
.border{ border-color:rgb(178, 108, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 108, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 108, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 108, 141);  
box-shadow:4px 4px 4px 4px rgb(178, 108,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1132, 0.3629, 0.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 108, 141) }
```

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

```
.background{ background-color: rgb(178,  
108, 141) }
```

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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