

Converting Colors

$Y_{xy}(22.6114, 0.3421, 0.2864)$

Have a look what the booklet for
Yxy(22.6114, 0.3421, 0.2864)
contains.

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Color

Yxy(22.6114, 0.3421, 0.2864)

Conversions

Conversions Part 1

Format	Color
Hex	A67490
RGB	166, 116, 144
RGB Percent	65%, 45%, 56%
CMY	0.3489, 0.5451, 0.4353
CMYK	0.00, 0.30, 0.13, 0.35
HSL	326°, 22%, 55%
HSV	326°, 30%, 65%
XYZ	27.0089, 22.6114, 29.3301
YIQ	134.1420, 20.8120, 19.3080

Conversions

Conversions Part 2

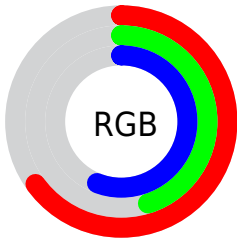
Format	Color
R _Y B	166, 116, 144
Decimal	10908816
CIE Lab	54.67, 24.11, -7.32
CIE LCh	55, 25.196, 343.108
Yxy	22.6114, 0.3421, 0.2864
Android (android.graphics.Color)	4289098896 (0xFFA67490)
YUV	134.1420, 4.8600, 27.9395
Hunter-Lab	47.5514, 18.1719, -3.2845

Details

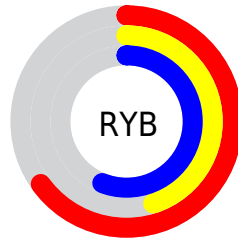
The Yxy color $22.6114, 0.3421, 0.2864$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $32.8275, 0.2913, 0.3760$, and the grayscale version is $23.8720, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.9827, 0.3358, 0.2956$, and $8.3332, 0.3519, 0.2706$ is the 20% darker color. If you saturate the color by 10%, you get $18.9050, 0.3556, 0.2719$, and if you desaturate by 10%, it is $27.0183, 0.3306, 0.3010$.

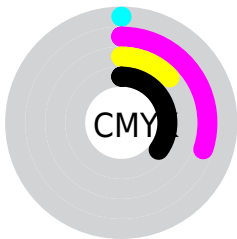
Distribution



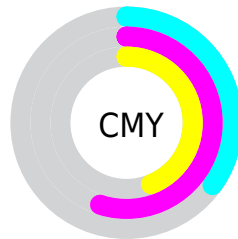
- Red (65%)
- Green (45%)
- Blue (56%)



- Red (65%)
- Yellow (45%)
- Blue (56%)



- Cyan (0%)
- Magenta (30%)
- Yellow (13%)
- Black (35%)





- Cyan (35%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.6114, 0.3421, 0.2864 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 22.6114, 0.3421, 0.2864 by changing the saturation by 10% instead.


 22.6114, 0.3421,
0.2864


 22.6114, 0.3421,
0.2864


265.7227, 0.3260,
0.3095


 14.3068, 0.3467,
0.2799


 47.7545, 0.3359,
0.2953

 8.3344, 0.3529,
0.2712


 65.3617, 0.3337,
0.2985

 4.3096, 0.3619,
0.2587

 86.8387, 0.3318,
0.3011

 1.8482, 0.3761,
0.2394

112.5698, 0.3303,
0.3033

 0.5170, 0.4087,
0.1915

142.9393, 0.3290,
0.3052

 0.0000, 1.0000,
0.0000

178.3317, 0.3278,

 0.0000, 0.0000,

0.3069

0.0000

219.1314, 0.3269,
0.3083

■ 22.6114, 0.3421,
0.2864

■ 22.6114, 0.3421,
0.2864

■ 18.9050, 0.3556,
0.2719

■ 27.0183, 0.3306,
0.3010

■ 15.8592, 0.3711,
0.2582

■ 32.1567, 0.3209,
0.3153

■ 13.4351, 0.3887,
0.2462


■ 38.0592, 0.3128,
0.3288


■ 11.5881, 0.4080,
0.2371


■ 44.7559, 0.3061,
0.3416

■ 10.2678, 0.4283,
0.2320

■ 52.2748, 0.3005,
0.3534


 9.4148, 0.4490,
0.2319

 60.6430, 0.2958,
0.3643

 8.8991, 0.4691,
0.2358

 69.8861, 0.2919,
0.3743

 80.0285, 0.2887,
0.3834

 84.2699, 0.2853,
0.3811

Harmonies

Analogous

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



22.6114, 0.2965, 0.2645



22.6114, 0.3421, 0.2864



22.6114, 0.3817, 0.3183

Triad

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



22.6114, 0.3421, 0.2864



22.6114, 0.3661, 0.4077



22.6114, 0.2314, 0.2935

Complementary

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



22.6114, 0.3421, 0.2864



32.8275, 0.2913, 0.3760

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.



22.6114, 0.2472, 0.3347



22.6114, 0.3421, 0.2864



22.6114, 0.3239, 0.4057

Square

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



22.6114, 0.3421, 0.2864



22.6114, 0.3952, 0.3872



22.6114, 0.2805, 0.3779



22.6114, 0.2353, 0.2663

Rectangle

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



22.6114, 0.3421, 0.2864



22.6114, 0.3977, 0.3422



22.6114, 0.2805, 0.3779



22.6114, 0.2345, 0.3061

Sweetspot

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



22.6124, 0.3421, 0.2864



59.3185, 0.3201, 0.3166



20.6186, 0.2838, 0.2484



12.9576, 0.3213, 0.3146



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.



22.6124, 0.3421, 0.2864



36.4924, 0.3507, 0.2769



21.9383, 0.3740, 0.3240



7.6100, 0.3202, 0.3164



6.9084, 0.4674, 0.2349



0.1781, 0.4073, 0.2018

Inverse Universe

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



22.6124, 0.3421, 0.2864



36.4924, 0.3507, 0.2769



33.6255, 0.2726, 0.3343



7.6100, 0.3202, 0.3164



6.9084, 0.4674, 0.2349



0.1781, 0.4073, 0.2018

Previews

White Background



This preview shows how the Yxy color 22.6114, 0.3421, 0.2864 looks on a white background.

Color Contrast Check

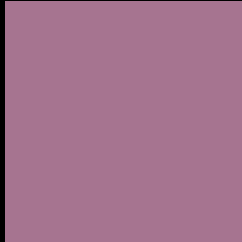
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6114, 0.3421, 0.2864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

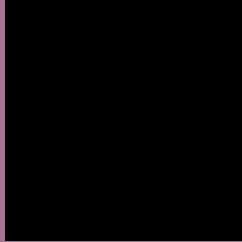
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.6114, 0.3421, 0.2864

Background



This preview shows how black text looks on a background with the Yxy color 22.6114, 0.3421, 0.2864.



This preview shows how white text looks on a background with the Yxy color 22.6114, 0.3421, 0.2864.

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

22.6114, 0.3421, 0.2864

Protanopia

22.7772, 0.2860, 0.2897

Deuteranopia

22.6207, 0.3104, 0.3037



Tritanopia

22.6447, 0.3590, 0.3150

Trichromacy



Original Color

22.6114, 0.3421, 0.2864

Protanomaly

22.5320, 0.3042, 0.2878

Deuteranomaly

22.5386, 0.3214, 0.2965

Tritanomaly

22.6774, 0.3529, 0.3043

Monochromacy



Original Color

22.6114, 0.3421, 0.2864

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.1247, 0.3230, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6114, 0.3421, 0.2864 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(166, 116, 144)` looks like.

```
.text, #text, p{  
    color:rgb(166, 116, 144)  
}
```

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(166, 116, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 116, 144) }
```

Border

The CSS property to change the border of an element to Yxy 22.6114, 0.3421, 0.2864 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(166, 116, 144) }
```

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

```
.border{ border-color:rgb(166, 116, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 116, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 116, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 116, 144);  
box-shadow:4px 4px 4px 4px rgb(166, 116,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 22.6114, 0.3421, 0.2864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 116, 144) }
```

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

```
.background{ background-color: rgb(166,  
116, 144) }
```

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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