

Converting Colors

$Y_{xy}(22.9011, 0.3931, 0.3132)$

Have a look what the booklet for
Yxy(22.9011, 0.3931, 0.3132)
contains.

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Color

Yxy(22.8413, 0.3942, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	B76F7A
RGB	183, 111, 122
RGB Percent	72%, 44%, 48%
CMY	0.2823, 0.5647, 0.5215
CMYK	0.00, 0.39, 0.33, 0.28
HSL	351°, 33%, 58%
HSV	351°, 39%, 72%
XYZ	28.7302, 22.8413, 21.3108
YIQ	133.7820, 39.3810, 18.6850

Conversions

Conversions Part 2

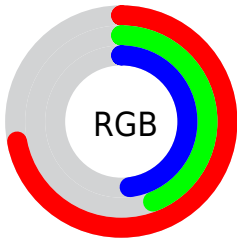
Format	Color
R_{YB}	183, 111, 122
Decimal	12021626
CIE _{Lab}	54.91, 29.92, 6.14
CIE _{LCh}	55, 30.542, 11.588
Yxy	22.8413, 0.3942, 0.3134
Android (android.graphics.Color)	4290211706 (0xFFB76F7A)
YUV	133.7820, -5.8085, 43.1642
Hunter-Lab	47.7926, 23.6671, 7.0173

Details

The Yxy color **22.8413, 0.3942, 0.3134** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **40.2336, 0.2659, 0.3458**, and the grayscale version is **23.7675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.3077, 0.3766, 0.3181**, and **8.5289, 0.4253, 0.3058** is the 20% darker color. If you saturate the color by 10%, you get **18.8955, 0.4271, 0.3098**, and if you desaturate by 10%, it is **27.6689, 0.3669, 0.3174**.

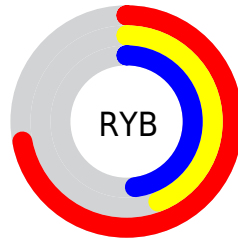
Distribution



Red (72%)

Green (44%)

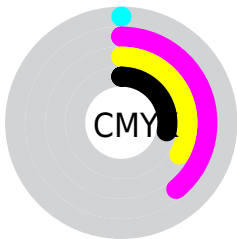
Blue (48%)



Red (72%)

Yellow (44%)

Blue (48%)

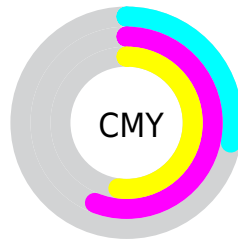


Cyan (0%)

Magenta (39%)

Yellow (33%)

Black (28%)



Cyan (28%)


Magenta (56%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.8413, 0.3942, 0.3134 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 22.8413, 0.3942, 0.3134 by changing the saturation by 10% instead.


 22.8413, 0.3942,
0.3134

 22.8413, 0.3942,
0.3134


266.9088, 0.3484,
0.3229


 14.4764, 0.4077,
0.3103


 48.1326, 0.3761,
0.3173

 8.4527, 0.4264,
0.3057


 65.8278, 0.3698,
0.3187

 4.3860, 0.4541,
0.2985


 87.4018, 0.3646,
0.3197

 1.8917, 0.4987,
0.2857

 113.2391, 0.3603,
0.3206

 0.5434, 0.6507,
0.2688

143.7241, 0.3566,
0.3213

 0.0000, 1.0000,
0.0000


179.2411, 0.3535,

 0.0000, 0.0000,


0.3219


0.0000

220.1745, 0.3507,
0.3224


 22.8413, 0.3942,
0.3134


 22.8413, 0.3942,
0.3134


 18.8955, 0.4271,
0.3098


 27.6689, 0.3669,
0.3174

 15.7748, 0.4653,
0.3072


 33.4236, 0.3445,
0.3216


 13.4215, 0.5074,
0.3062


 40.1518, 0.3265,
0.3255

 11.7686, 0.5501,
0.3077


 47.8957, 0.3119,
0.3292


 10.7378, 0.5881,
0.3120

 56.6949, 0.3001,
0.3326


 10.1843, 0.6170,
0.3179

 66.5872, 0.2905,
0.3358

 10.1538, 0.6186,
0.3181

 77.6082, 0.2827,
0.3386

 88.2455, 0.2760,
0.3386

 88.8100, 0.2716,
0.3289

Harmonies

Analogous

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



22.8413, 0.3451, 0.2766



22.8413, 0.3942, 0.3134



22.8413, 0.4196, 0.3556

Triad

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



22.8413, 0.3942, 0.3134



22.8413, 0.3279, 0.4239



22.8413, 0.2200, 0.2548

Complementary

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



22.8413, 0.3942, 0.3134



40.2336, 0.2659, 0.3458

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.



22.8413, 0.2165, 0.2875



22.8413, 0.3942, 0.3134



22.8413, 0.2758, 0.3913

Square

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



22.8413, 0.3942, 0.3134



22.8413, 0.3784, 0.4231



22.8413, 0.2358, 0.3380



22.8413, 0.2455, 0.2434

Rectangle

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



22.8413, 0.3942, 0.3134



22.8413, 0.4186, 0.3832



22.8413, 0.2358, 0.3380



22.8413, 0.2163, 0.2634

Sweetspot

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



22.8424, 0.3942, 0.3134



68.2867, 0.3312, 0.3244



23.4466, 0.3037, 0.2295



14.7301, 0.3335, 0.3239



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



22.8424, 0.3942, 0.3134



34.8482, 0.4215, 0.3103



28.5459, 0.3956, 0.3635



9.0340, 0.3264, 0.3255



7.0882, 0.6163, 0.3169



0.2570, 0.5554, 0.2833

Inverse Universe

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



22.8424, 0.3942, 0.3134



34.8482, 0.4215, 0.3103



31.5991, 0.2533, 0.2911



9.0340, 0.3264, 0.3255



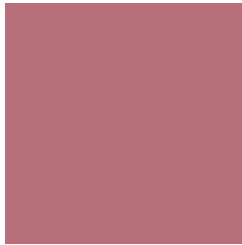
7.0882, 0.6163, 0.3169



0.2570, 0.5554, 0.2833

Previews

White Background



This preview shows how the Yxy color 22.8413, 0.3942, 0.3134 looks on a white background.

Color Contrast Check

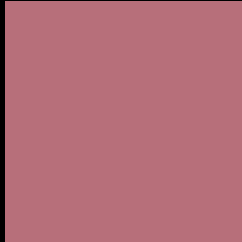
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.8413, 0.3942, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

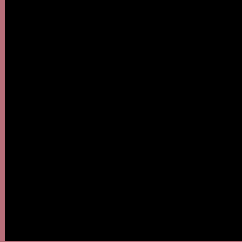
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.8413, 0.3942, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 22.8413, 0.3942, 0.3134.



This preview shows how white text looks on a background with the Yxy color 22.8413, 0.3942, 0.3134.

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

22.8413, 0.3942, 0.3134

Protanopia

22.9944, 0.3140, 0.3255

Deuteranopia

22.9002, 0.3487, 0.3425



Tritanopia

22.7922, 0.3970, 0.3163

Trichromacy



Original Color

22.8413, 0.3942, 0.3134

Protanomaly

22.6757, 0.3413, 0.3209

Deuteranomaly

22.6079, 0.3647, 0.3308

Tritanomaly

22.8166, 0.3956, 0.3149

Monochromacy



Original Color

22.8413, 0.3942, 0.3134

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.2088, 0.3396, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.8413, 0.3942, 0.3134 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(183, 111, 122)` looks like.

```
.text, #text, p{  
    color:rgb(183, 111, 122)  
}
```

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(183, 111, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 111, 122) }
```

Border

The CSS property to change the border of an element to Yxy 22.8413, 0.3942, 0.3134 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(183, 111, 122) }
```

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

```
.border{ border-color:rgb(183, 111, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 111, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 111, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 111, 122);  
box-shadow:4px 4px 4px 4px rgb(183, 111,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 22.8413, 0.3942, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 111, 122) }
```

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

```
.background{ background-color: rgb(183,  
111, 122) }
```

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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