

Converting Colors

$Y_{xy}(22.1004, 0.3145, 0.2391)$

Have a look what the booklet for
Yxy(22.1004, 0.3145, 0.2391)
contains.

Yxy(22.1004, 0.3145, 0.2391)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.1004, 0.3145, 0.2391)

Conversions

Conversions Part 1

Format	Color
Hex	A96CAB
RGB	169, 108, 171
RGB Percent	66%, 42%, 67%
CMY	0.3374, 0.5764, 0.3294
CMYK	0.01, 0.37, 0.00, 0.33
HSL	298°, 27%, 55%
HSV	298°, 37%, 67%
XYZ	29.0697, 22.1004, 41.2615
YIQ	133.4210, 16.1330, 32.5250

Conversions

Conversions Part 2

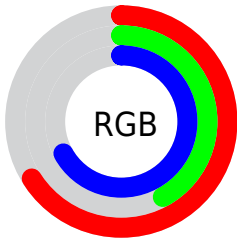
Format	Color
R _{YB}	169, 108, 171
Decimal	11103403
CIE _{Lab}	54.13, 34.58, -23.81
CIE _{LCh}	54, 41.983, 325.449
Y _{xy}	22.1004, 0.3145, 0.2391
Android (android.graphics.Color)	4289293483 (0xFFA96CAB)
YUV	133.4210, 18.5264, 31.2028
Hunter-Lab	47.0111, 28.1078, -19.1309

Details

The Yxy color $22.1004, 0.3145, 0.2391$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $33.5277, 0.3093, 0.4374$, and the grayscale version is $23.5444, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.0433, 0.3144, 0.2565$, and $8.0710, 0.3129, 0.2097$ is the 20% darker color. If you saturate the color by 10%, you get $18.7795, 0.3147, 0.2163$, and if you desaturate by 10%, it is $26.1310, 0.3141, 0.2633$.

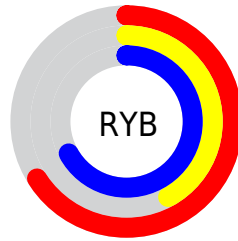
Distribution



Red (66%)

Green (42%)

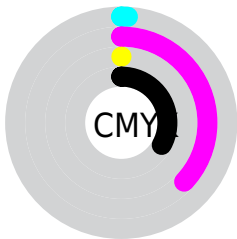
Blue (67%)



Red (66%)

Yellow (42%)

Blue (67%)

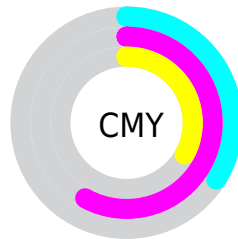


Cyan (1%)

Magenta (37%)

Yellow (0%)

Black (33%)



Cyan (34%)


Magenta (58%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.1004, 0.3145, 0.2391 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 22.1004, 0.3145, 0.2391 by changing the saturation by 10% instead.


 22.1004, 0.3145,
0.2391


 22.1004, 0.3145,
0.2391


263.0701, 0.3148,
0.2860


 13.9307, 0.3139,
0.2268


 46.9119, 0.3150,
0.2566

 8.0725, 0.3128,
0.2108


 64.3224, 0.3150,
0.2630

 4.1414, 0.3106,
0.1892


 85.5821, 0.3150,
0.2684

 1.7529, 0.3060,
0.1586

 111.0752, 0.3150,
0.2730

 0.4576, 0.2990,
0.1007

141.1861, 0.3150,
0.2769

 0.0000, 0.1915,
0.0000

176.2994, 0.3149,

 0.0000, 0.0000,

0.2804

0.0000

216.7992, 0.3149,
0.2834

■ 22.1004, 0.3145,
0.2391

■ 22.1004, 0.3145,
0.2391

■ 18.7795, 0.3147,
0.2163

■ 26.1310, 0.3141,
0.2633

■ 16.1237, 0.3148,
0.1959

■ 30.9065, 0.3137,
0.2881

■ 14.0883, 0.3146,
0.1787


■ 36.4633, 0.3131,
0.3127

■ 12.6215, 0.3143,
0.1654

■ 42.8345, 0.3125,
0.3364


■ 11.6633, 0.3138,
0.1563


■ 50.0515, 0.3119,
0.3590


 11.1274, 0.3131,
0.1511

 58.1438, 0.3113,
0.3800

 10.9908, 0.3129,
0.1497

 67.1397, 0.3106,
0.3994

 77.0659, 0.3100,
0.4172

 83.4517, 0.3098,
0.4270

Harmonies

Analogous

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



22.1004, 0.2459, 0.2175



22.1004, 0.3145, 0.2391



22.1004, 0.3913, 0.2790

Triad

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



22.1004, 0.3145, 0.2391



22.1004, 0.4295, 0.4373



22.1004, 0.1934, 0.3041

Complementary

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



22.1004, 0.3145, 0.2391



33.5277, 0.3093, 0.4374

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.



22.1004, 0.2330, 0.3833



22.1004, 0.3145, 0.2391



22.1004, 0.3688, 0.4667

Square

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



22.1004, 0.3145, 0.2391



22.1004, 0.4608, 0.3862



22.1004, 0.2968, 0.4496



22.1004, 0.1831, 0.2464

Rectangle

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



22.1004, 0.3145, 0.2391



22.1004, 0.4331, 0.3126



22.1004, 0.2968, 0.4496



22.1004, 0.2033, 0.3292

Sweetspot

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



22.1014, 0.3145, 0.2391



60.7833, 0.3134, 0.3020



17.3080, 0.2475, 0.2239



13.2646, 0.3134, 0.2988



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



22.1014, 0.3145, 0.2391



34.7535, 0.3147, 0.2208



21.3291, 0.3532, 0.2789



8.1347, 0.3133, 0.3066



8.2900, 0.3130, 0.1498



0.2346, 0.3156, 0.1512

Inverse Universe

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



20.5148, 0.3971, 0.3261



31.5229, 0.4252, 0.3256



34.1334, 0.2858, 0.3857



8.0194, 0.3281, 0.3283



6.5375, 0.6357, 0.3276



0.1832, 0.6171, 0.3173

Previews

White Background



This preview shows how the Yxy color 22.1004, 0.3145, 0.2391 looks on a white background.

Color Contrast Check

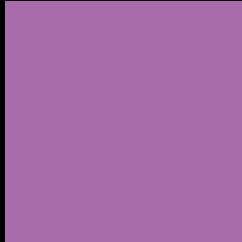
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1004, 0.3145, 0.2391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

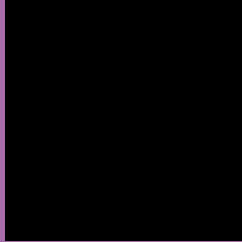
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.1004, 0.3145, 0.2391

Background



This preview shows how black text looks on a background with the Yxy color 22.1004, 0.3145, 0.2391.



This preview shows how white text looks on a background with the Yxy color 22.1004, 0.3145, 0.2391.

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

22.1004, 0.3145, 0.2391

Protanopia

22.3630, 0.2434, 0.2353

Deuteranopia

22.1063, 0.2679, 0.2621



Tritanopia

22.0155, 0.3609, 0.3149

Trichromacy



Original Color

22.1004, 0.3145, 0.2391

Protanomaly

21.9165, 0.2648, 0.2350

Deuteranomaly

21.7491, 0.2836, 0.2525

Tritanomaly

21.9870, 0.3438, 0.2861

Monochromacy



Original Color

22.1004, 0.3145, 0.2391

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.6329, 0.3133, 0.2915

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1004, 0.3145, 0.2391 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(169, 108, 171)` looks like.

```
.text, #text, p{  
    color:rgb(169, 108, 171)  
}
```

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(169, 108, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 108, 171) }
```

Border

The CSS property to change the border of an element to Yxy 22.1004, 0.3145, 0.2391 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(169, 108, 171) }
```

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

```
.border{ border-color:rgb(169, 108, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 108, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 108, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 108, 171);  
box-shadow:4px 4px 4px 4px rgb(169, 108,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1004, 0.3145, 0.2391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 108, 171) }
```

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

```
.background{ background-color: rgb(169,  
108, 171) }
```

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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