

Converting Colors

$Y_{xy}(21.9827, 0.3154, 0.2736)$

Have a look what the booklet for
Yxy(21.9827, 0.3154, 0.2736)
contains.

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Color

Yxy(22.0291, 0.3153, 0.2738)

Conversions

Conversions Part 1

Format	Color
Hex	997699
RGB	153, 118, 153
RGB Percent	60%, 46%, 60%
CMY	0.3999, 0.5373, 0.3999
CMYK	0.00, 0.23, 0.00, 0.40
HSL	300°, 15%, 53%
HSV	300°, 23%, 60%
XYZ	25.3681, 22.0291, 33.0597
YIQ	132.4550, 9.6250, 18.3050

Conversions

Conversions Part 2

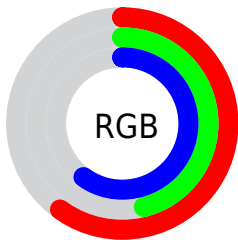
Format	Color
R_{YB}	153, 118, 153
Decimal	10057369
CIE _{Lab}	54.06, 19.95, -13.63
CIE _{LCh}	54, 24.164, 325.650
Yxy	22.0291, 0.3153, 0.2738
Android (android.graphics.Color)	4288247449 (0xFF997699)
YUV	132.4550, 10.1287, 18.0180
Hunter-Lab	46.9352, 14.3412, -8.9075

Details

The Yxy color $22.0291, 0.3153, 0.2738$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $27.9481, 0.3098, 0.3912$, and the grayscale version is $23.2084, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.6643, 0.3156, 0.2852$, and $7.9823, 0.3144, 0.2537$ is the 20% darker color. If you saturate the color by 10%, you get $18.7137, 0.3164, 0.2497$, and if you desaturate by 10%, it is $25.9311, 0.3142, 0.2982$.

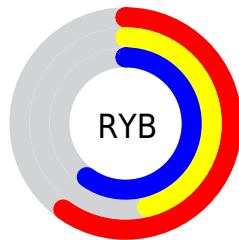
Distribution



Red (60%)

Green (46%)

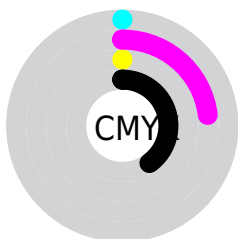
Blue (60%)



Red (60%)

Yellow (46%)

Blue (60%)

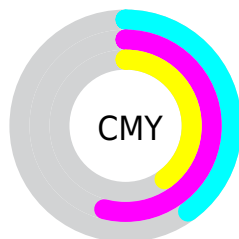


Cyan (0%)

Magenta (23%)

Yellow (0%)

Black (40%)



Cyan (40%)


Magenta (54%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0291, 0.3153, 0.2738 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 22.0291, 0.3153, 0.2738 by changing the saturation by 10% instead.


 22.0291, 0.3153,
0.2738


 22.0291, 0.3153,
0.2738


262.6982, 0.3143,
0.3036


 13.8783, 0.3154,
0.2656


 46.7941, 0.3151,
0.2852

 8.0361, 0.3153,
0.2545


 64.1770, 0.3149,
0.2893

 4.1180, 0.3150,
0.2387

 85.4062, 0.3148,
0.2927

 1.7398, 0.3138,
0.2148

110.8659, 0.3147,
0.2956

 0.4492, 0.3169,
0.1554

140.9405, 0.3146,
0.2980

 0.0000, 0.0000,
0.0000

176.0145, 0.3145,

0.3001

216.4723, 0.3144,
0.3020

■ 22.0291, 0.3153,
0.2738

■ 22.0291, 0.3153,
0.2738

■ 18.7137, 0.3164,
0.2497

■ 25.9311, 0.3142,
0.2982

■ 15.9538, 0.3175,
0.2268

■ 30.4430, 0.3130,
0.3222

■ 13.7200, 0.3185,
0.2060

■ 35.5904, 0.3120,
0.3453

■ 11.9787, 0.3193,
0.1880

■ 41.3967, 0.3109,
0.3672

■ 10.6929, 0.3200,
0.1737

■ 47.8840, 0.3100,
0.3876

■ 9.8200, 0.3205,
0.1634

■ 55.0733, 0.3091,
0.4063

■ 9.3094, 0.3208,
0.1571

■ 62.9849, 0.3083,
0.4235

■ 9.0726, 0.3209,
0.1541

■ 71.6381, 0.3076,
0.4391

■ 80.5960, 0.3069,
0.4526

Harmonies

Analogous

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



22.0291, 0.2739, 0.2602



22.0291, 0.3153, 0.2738



22.0291, 0.3587, 0.2998

Triad

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



22.0291, 0.3153, 0.2738



22.0291, 0.3831, 0.3958



22.0291, 0.2406, 0.3168

Complementary

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



22.0291, 0.3153, 0.2738



27.9481, 0.3098, 0.3912

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.



22.0291, 0.2664, 0.3596



22.0291, 0.3153, 0.2738



22.0291, 0.3483, 0.4074

Square

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



22.0291, 0.3153, 0.2738



22.0291, 0.3991, 0.3678



22.0291, 0.3055, 0.3946



22.0291, 0.2331, 0.2817

Rectangle

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



22.0291, 0.3153, 0.2738



22.0291, 0.3819, 0.3216



22.0291, 0.3055, 0.3946



22.0291, 0.2473, 0.3309

Sweetspot

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



22.0301, 0.3153, 0.2738



50.9354, 0.3135, 0.3121



19.2456, 0.2752, 0.2679



11.1544, 0.3136, 0.3108



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



22.0301, 0.3153, 0.2738



36.5574, 0.3158, 0.2625



21.5102, 0.3353, 0.2996



6.3236, 0.3137, 0.3071



7.4964, 0.3209, 0.1541



0.1121, 0.3209, 0.1541

Inverse Universe

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



21.0380, 0.3581, 0.3291



34.4901, 0.3704, 0.3292



28.3869, 0.2950, 0.3604



6.2227, 0.3283, 0.3290



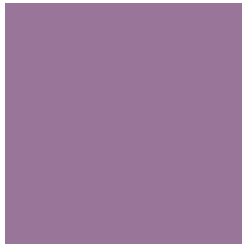
5.5972, 0.6401, 0.3300



0.0837, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 22.0291, 0.3153, 0.2738 looks on a white background.

Color Contrast Check

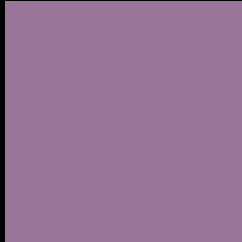
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0291, 0.3153, 0.2738 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 22.0291, 0.3153, 0.2738

Background



This preview shows how black text looks on a background with the Yxy color 22.0291, 0.3153, 0.2738.



This preview shows how white text looks on a background with the Yxy color 22.0291, 0.3153, 0.2738.

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

22.0291, 0.3153, 0.2738

Protanopia

22.1140, 0.2742, 0.2745

Deuteranopia

21.9814, 0.2920, 0.2865



Tritanopia

22.0418, 0.3369, 0.3142

Trichromacy



Original Color

22.0291, 0.3153, 0.2738

Protanomaly

21.8362, 0.2881, 0.2740

Deuteranomaly

21.9219, 0.2999, 0.2810

Tritanomaly

22.1181, 0.3288, 0.2997

Monochromacy



Original Color

22.0291, 0.3153, 0.2738

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.6476, 0.3137, 0.3071

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0291, 0.3153, 0.2738 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(153, 118, 153)` looks like.

```
.text, #text, p{  
    color:rgb(153, 118, 153)  
}
```

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(153, 118, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 118, 153) }
```

Border

The CSS property to change the border of an element to Yxy 22.0291, 0.3153, 0.2738 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(153, 118, 153) }
```

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

```
.border{ border-color:rgb(153, 118, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 118, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 118, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 118, 153);  
box-shadow:4px 4px 4px 4px rgb(153, 118,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0291, 0.3153, 0.2738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 118, 153) }
```

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

```
.background{ background-color: rgb(153,  
118, 153) }
```

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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