

Converting Colors

$Y_{xy}(22.2011, 0.3998, 0.3580)$

Have a look what the booklet for
Yxy(22.2011, 0.3998, 0.3580)
contains.

Yxy(22.0925, 0.3998, 0.3573)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.0925, 0.3998, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	A77664
RGB	167, 118, 100
RGB Percent	65%, 46%, 39%
CMY	0.3450, 0.5373, 0.6078
CMYK	0.00, 0.29, 0.40, 0.34
HSL	16°, 28%, 52%
HSV	16°, 40%, 66%
XYZ	24.7204, 22.0925, 15.0189
YIQ	130.5990, 34.9820, 4.7900

Conversions

Conversions Part 2

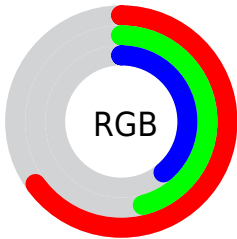
Format	Color
R_{YB}	167, 125, 100
Decimal	10974820
CIE Lab	54.13, 16.90, 17.57
CIE LCh	54, 24.375, 46.115
Yxy	22.0925, 0.3998, 0.3573
Android (android.graphics.Color)	4289164900 (0xFFA77664)
YUV	130.5990, -15.0853, 31.9237
Hunter-Lab	47.0027, 11.6248, 13.9567

Details

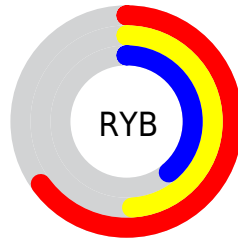
The Yxy color $22.0925, 0.3998, 0.3573$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $27.0111, 0.2538, 0.2982$, and the grayscale version is $22.5930, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.8311, 0.3807, 0.3516$, and $8.0240, 0.4352, 0.3644$ is the 20% darker color. If you saturate the color by 10%, you get $19.1085, 0.4314, 0.3640$, and if you desaturate by 10%, it is $25.5180, 0.3724, 0.3500$.

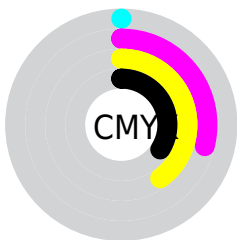
Distribution



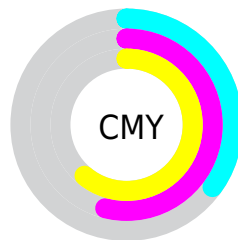
- Red (65%)
- Green (46%)
- Blue (39%)



- Red (65%)
- Yellow (49%)
- Blue (39%)



- Cyan (0%)
- Magenta (29%)
- Yellow (40%)
- Black (34%)




- Cyan (35%)
- Magenta (54%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0925, 0.3998, 0.3573 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 22.0925, 0.3998, 0.3573 by changing the saturation by 10% instead.


 22.0925, 0.3998,
0.3573


 22.0925, 0.3998,
0.3573


263.0290, 0.3505,
0.3429


 13.9249, 0.4143,
0.3607


 46.8988, 0.3803,
0.3522


 8.0684, 0.4345,
0.3647


 64.3063, 0.3735,
0.3502

 4.1388, 0.4640,
0.3691


 85.5626, 0.3679,
0.3485

 1.7515, 0.5191,
0.3784

 111.0520, 0.3633,
0.3471

 0.4567, 0.6496,
0.3504

141.1589, 0.3593,
0.3458

 0.0000, 0.0000,
0.0000

176.2678, 0.3560,

0.3448

216.7630, 0.3530,
0.3438

■ 22.0925, 0.3998,
0.3573

■ 22.0925, 0.3998,
0.3573

■ 19.1085, 0.4314,
0.3640

■ 25.5180, 0.3724,
0.3500

■ 16.5444, 0.4668,
0.3694

■ 29.3988, 0.3491,
0.3427

■ 14.3816, 0.5045,
0.3724


■ 33.7524, 0.3294,
0.3357

■ 12.5988, 0.5419,
0.3720


■ 38.5942, 0.3129,
0.3291

■ 11.1725, 0.5753,
0.3673


■ 43.9389, 0.2991,
0.3230

 10.0819, 0.6024,
0.3599

 49.8005, 0.2874,
0.3174

 56.1927, 0.2775,
0.3123

 63.1283, 0.2692,
0.3076

 70.6200, 0.2620,
0.3034

Harmonies

Analogous

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



22.0925, 0.3829, 0.3221



22.0925, 0.3998, 0.3573



22.0925, 0.3912, 0.3886

Triad

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



22.0925, 0.3998, 0.3573



22.0925, 0.2774, 0.3728



22.0925, 0.2626, 0.2586

Complementary

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



22.0925, 0.3998, 0.3573



27.0111, 0.2538, 0.2982

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.



22.0925, 0.2385, 0.2661



22.0925, 0.3998, 0.3573



22.0925, 0.2464, 0.3302

Square

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



22.0925, 0.3998, 0.3573



22.0925, 0.3193, 0.4020



22.0925, 0.2328, 0.2911



22.0925, 0.3012, 0.2675

Rectangle

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



22.0925, 0.3998, 0.3573



22.0925, 0.3731, 0.4028



22.0925, 0.2328, 0.2911



22.0925, 0.2527, 0.2591

Sweetspot

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



22.0936, 0.3998, 0.3573



58.7233, 0.3332, 0.3371



19.5093, 0.3397, 0.2555



12.9199, 0.3356, 0.3380



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.



22.0936, 0.3998, 0.3573



34.8385, 0.4272, 0.3632



31.3992, 0.3798, 0.4060



7.8576, 0.3279, 0.3351



7.7829, 0.6007, 0.3612



0.2718, 0.5383, 0.4108

Inverse Universe

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



27.0111, 0.2538, 0.2982



44.8125, 0.2424, 0.2903



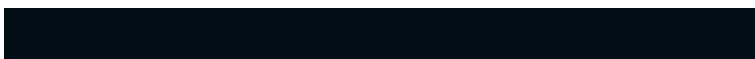
17.9099, 0.2445, 0.2375



8.1864, 0.2987, 0.3228



12.9059, 0.2003, 0.2411



0.3915, 0.2093, 0.2735

Previews

White Background



This preview shows how the Yxy color 22.0925, 0.3998, 0.3573 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 22.0925, 0.3998, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

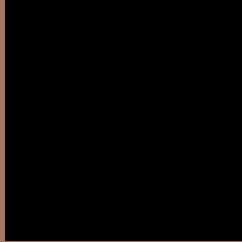
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0925, 0.3998, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 22.0925, 0.3998, 0.3573.



This preview shows how white text looks on a background with the Yxy color 22.0925, 0.3998, 0.3573.

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

22.0925, 0.3998, 0.3573

Protanopia

22.0388, 0.3495, 0.3718

Deuteranopia

22.0885, 0.3794, 0.3708



Tritanopia

22.1265, 0.3733, 0.3169

Trichromacy



Original Color

22.0925, 0.3998, 0.3573

Protanomaly

21.9424, 0.3675, 0.3667

Deuteranomaly

22.0890, 0.3870, 0.3667

Tritanomaly

22.0534, 0.3823, 0.3308

Monochromacy



Original Color

22.0925, 0.3998, 0.3573

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.2071, 0.3416, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0925, 0.3998, 0.3573 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(167, 118, 100)` looks like.

```
.text, #text, p{  
    color:rgb(167, 118, 100)  
}
```

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(167, 118, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 118, 100) }
```

Border

The CSS property to change the border of an element to Yxy 22.0925, 0.3998, 0.3573 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(167, 118, 100) }
```

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

```
.border{ border-color:rgb(167, 118, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 118, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 118, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 118, 100);  
box-shadow:4px 4px 4px 4px rgb(167, 118,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0925, 0.3998, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 118, 100) }
```

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

```
.background{ background-color: rgb(167,  
118, 100) }
```

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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