

Converting Colors

$Yxy(21.9746, 0.3475, 0.3423)$

Have a look what the booklet for
Yxy(21.9746, 0.3475, 0.3423)
contains.

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Color

Yxy(22.0626, 0.3480, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	927D75
RGB	146, 125, 117
RGB Percent	57%, 49%, 46%
CMY	0.4275, 0.5098, 0.5413
CMYK	0.00, 0.14, 0.20, 0.43
HSL	17°, 12%, 52%
HSV	17°, 20%, 57%
XYZ	22.3973, 22.0626, 19.9001
YIQ	130.3670, 15.0840, 1.9640

Conversions

Conversions Part 2

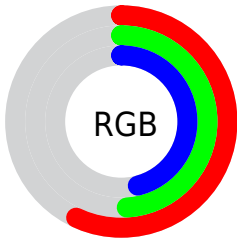
Format	Color
R_{YB}	146, 128, 117
Decimal	9600373
CIE _{Lab}	54.09, 6.71, 7.35
CIE _{LCh}	54, 9.950, 47.629
Yxy	22.0626, 0.3480, 0.3428
Android (android.graphics.Color)	4287790453 (0xFF927D75)
YUV	130.3670, -6.5899, 13.7101
Hunter-Lab	46.9708, 2.9158, 7.7602

Details

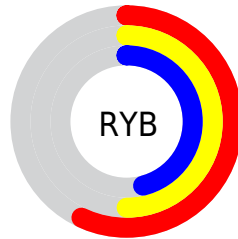
The Yxy color $22.0626, 0.3480, 0.3428$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $24.0237, 0.2831, 0.3148$, and the grayscale version is $22.4797, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.9847, 0.3398, 0.3404$, and $8.0314, 0.3619, 0.3470$ is the 20% darker color. If you saturate the color by 10%, you get $19.2132, 0.3708, 0.3502$, and if you desaturate by 10%, it is $25.2519, 0.3288, 0.3356$.

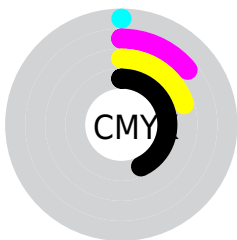
Distribution



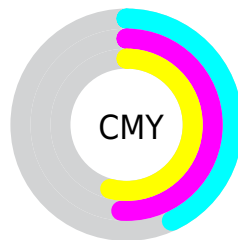
- Red (57%)
- Green (49%)
- Blue (46%)



- Red (57%)
- Yellow (50%)
- Blue (46%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (43%)





- Cyan (43%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0626, 0.3480, 0.3428 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 22.0626, 0.3480, 0.3428 by changing the saturation by 10% instead.


 22.0626, 0.3480,
0.3428


 22.0626, 0.3480,
0.3428


262.8730, 0.3281,
0.3353


 13.9029, 0.3539,
0.3449


 46.8494, 0.3401,
0.3399

 8.0532, 0.3623,
0.3478

 64.2454, 0.3373,
0.3389

 4.1290, 0.3748,
0.3518

 85.4888, 0.3351,
0.3380

 1.7460, 0.3957,
0.3579

110.9642, 0.3332,
0.3373

 0.4532, 0.5674,
0.4326

141.0560, 0.3316,
0.3367

 0.0000, 0.0000,
0.0000

176.1484, 0.3303,

0.3361

216.6260, 0.3291,
0.3357

■ 22.0626, 0.3480,
0.3428

■ 22.0626, 0.3480,
0.3428

■ 19.2132, 0.3708,
0.3502

■ 25.2519, 0.3288,
0.3356

■ 16.6894, 0.3974,
0.3577

■ 28.7888, 0.3125,
0.3289

■ 14.4802, 0.4281,
0.3646

■ 32.6847, 0.2989,
0.3227

■ 12.5729, 0.4625,
0.3702

■ 36.9493, 0.2873,
0.3170

■ 10.9538, 0.4993,
0.3736

■ 41.5923, 0.2776,
0.3118

■ 9.6082, 0.5362,
0.3738

■ 46.6226, 0.2693,
0.3070

■ 8.5197, 0.5697,
0.3697

■ 52.0491, 0.2621,
0.3027

■ 7.6644, 0.5982,
0.3630

■ 57.8803, 0.2560,
0.2988

■ 7.6553, 0.5986,
0.3629

■ 64.1244, 0.2507,
0.2952

Harmonies

Analogous

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



22.0626, 0.3417, 0.3276



22.0626, 0.3480, 0.3428



22.0626, 0.3445, 0.3549

Triad

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



22.0626, 0.3480, 0.3428



22.0626, 0.2978, 0.3456



22.0626, 0.2927, 0.2990

Complementary

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



22.0626, 0.3480, 0.3428



24.0237, 0.2831, 0.3148

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.



22.0626, 0.2817, 0.3027



22.0626, 0.3480, 0.3428



22.0626, 0.2845, 0.3294

Square

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



22.0626, 0.3480, 0.3428



22.0626, 0.3152, 0.3571



22.0626, 0.2787, 0.3136



22.0626, 0.3094, 0.3029

Rectangle

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



22.0626, 0.3480, 0.3428



22.0626, 0.3372, 0.3595



22.0626, 0.2787, 0.3136



22.0626, 0.2883, 0.2993

Sweetspot

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



22.0636, 0.3480, 0.3428



46.8190, 0.3223, 0.3331



20.6705, 0.3240, 0.2935



10.3391, 0.3233, 0.3334



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



22.0636, 0.3480, 0.3428



36.5337, 0.3580, 0.3462



25.9259, 0.3436, 0.3662



6.0611, 0.3276, 0.3352



6.7703, 0.5977, 0.3636



0.1271, 0.5249, 0.4214

Inverse Universe

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



24.0237, 0.2831, 0.3148



40.6549, 0.2763, 0.3111



20.2079, 0.2815, 0.2888



6.2937, 0.2990, 0.3227



10.8643, 0.1997, 0.2388



0.1825, 0.2126, 0.2854

Previews

White Background



This preview shows how the Yxy color 22.0626, 0.3480, 0.3428 looks on a white background.

Color Contrast Check

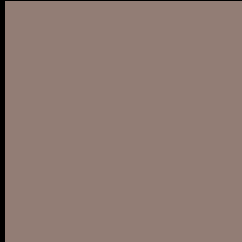
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0626, 0.3480, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

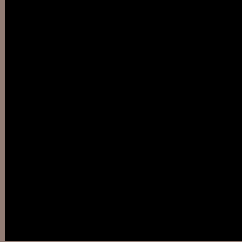
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0626, 0.3480, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 22.0626, 0.3480, 0.3428.



This preview shows how white text looks on a background with the Yxy color 22.0626, 0.3480, 0.3428.

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

22.0626, 0.3480, 0.3428

Protanopia

22.1008, 0.3297, 0.3468

Deuteranopia

22.1546, 0.3492, 0.3427



Tritanopia

22.1278, 0.3330, 0.3141

Trichromacy



Original Color

22.0626, 0.3480, 0.3428

Protanomaly

22.1496, 0.3360, 0.3466

Deuteranomaly

22.1546, 0.3492, 0.3427

Tritanomaly

22.1507, 0.3375, 0.3240

Monochromacy



Original Color

22.0626, 0.3480, 0.3428

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.1533, 0.3256, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0626, 0.3480, 0.3428 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(146, 125, 117)` looks like.

```
.text, #text, p{  
    color:rgb(146, 125, 117)  
}
```

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(146, 125, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 125, 117) }
```

Border

The CSS property to change the border of an element to Yxy 22.0626, 0.3480, 0.3428 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(146, 125, 117) }
```

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

```
.border{ border-color:rgb(146, 125, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 125, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 125, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 125, 117);  
box-shadow:4px 4px 4px 4px rgb(146, 125,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0626, 0.3480, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 125, 117) }
```

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

```
.background{ background-color: rgb(146,  
125, 117) }
```

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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