

Converting Colors

$Yxy(21.9947, 0.3777, 0.3331)$

Have a look what the booklet for
Yxy(21.9947, 0.3777, 0.3331)
contains.

Yxy(21.9597, 0.3779, 0.3323)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.9597, 0.3779, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	A57573
RGB	165, 117, 115
RGB Percent	65%, 46%, 45%
CMY	0.3530, 0.5412, 0.5489
CMYK	0.00, 0.29, 0.30, 0.35
HSL	2°, 22%, 55%
HSV	2°, 30%, 65%
XYZ	24.9731, 21.9597, 19.1511
YIQ	131.1240, 29.2500, 9.5540

Conversions

Conversions Part 2

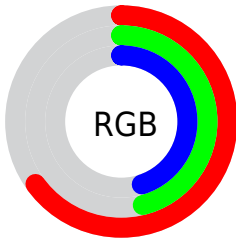
Format	Color
R_{YB}	165, 117, 115
Decimal	10843507
CIE _{Lab}	53.98, 18.59, 8.60
CIE _{LCh}	54, 20.483, 24.840
Yxy	21.9597, 0.3779, 0.3323
Android (android.graphics.Color)	4289033587 (0xFFA57573)
YUV	131.1240, -7.9491, 29.7093
Hunter-Lab	46.8612, 13.1187, 8.5723

Details

The Yxy color **21.9597, 0.3779, 0.3323** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.5646, 0.2697, 0.3257**, and the grayscale version is **22.7658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.5381, 0.3632, 0.3315**, and **7.9842, 0.4054, 0.3315** is the 20% darker color. If you saturate the color by 10%, you get **18.2284, 0.4100, 0.3334**, and if you desaturate by 10%, it is **26.3863, 0.3516, 0.3312**.

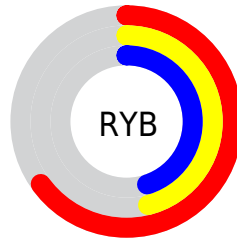
Distribution



Red (65%)

Green (46%)

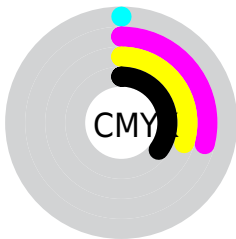
Blue (45%)



Red (65%)

Yellow (46%)

Blue (45%)

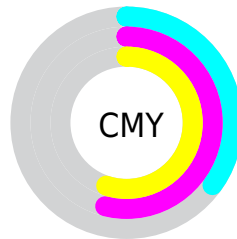


Cyan (0%)

Magenta (29%)

Yellow (30%)

Black (35%)



Cyan (35%)


Magenta (54%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.9597, 0.3779, 0.3323 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 21.9597, 0.3779, 0.3323 by changing the saturation by 10% instead.


 21.9597, 0.3779,
0.3323


 21.9597, 0.3779,
0.3323


262.3357, 0.3409,
0.3312


 13.8273, 0.3889,
0.3323


 46.6794, 0.3632,
0.3321

 8.0006, 0.4044,
0.3320


 64.0354, 0.3581,
0.3319

 4.0954, 0.4276,
0.3309

 85.2348, 0.3539,
0.3318

 1.7270, 0.4659,
0.3275

110.6620, 0.3505,
0.3317

 0.4411, 0.6644,
0.3356

140.7012, 0.3475,
0.3315

 0.0000, 0.0000,
0.0000

175.7370, 0.3450,

0.3314

216.1537, 0.3428,
0.3313

■ 21.9597, 0.3779,
0.3323

■ 21.9597, 0.3779,
0.3323

■ 18.2284, 0.4100,
0.3334

■ 26.3863, 0.3516,
0.3312

■ 15.1541, 0.4483,
0.3345

■ 31.5376, 0.3303,
0.3301

■ 12.6997, 0.4920,
0.3351


■ 37.4453, 0.3131,
0.3290


■ 10.8232, 0.5382,
0.3353


■ 44.1381, 0.2993,
0.3281


■ 9.4772, 0.5817,
0.3347

■ 51.6433, 0.2880,
0.3273

 8.6068, 0.6157,
0.3334

 59.9869, 0.2788,
0.3265

 8.1401, 0.6368,
0.3326

 69.1937, 0.2712,
0.3258

 79.2876, 0.2649,
0.3252

 86.7386, 0.2628,
0.3289

Harmonies

Analogous

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



21.9597, 0.3509, 0.3034



21.9597, 0.3779, 0.3323



21.9597, 0.3861, 0.3621

Triad

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



21.9597, 0.3779, 0.3323



21.9597, 0.3079, 0.3845



21.9597, 0.2541, 0.2723

Complementary

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



21.9597, 0.3779, 0.3323



32.5646, 0.2697, 0.3257

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.



21.9597, 0.2443, 0.2897



21.9597, 0.3779, 0.3323



21.9597, 0.2741, 0.3559

Square

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



21.9597, 0.3779, 0.3323



21.9597, 0.3444, 0.3952



21.9597, 0.2514, 0.3201



21.9597, 0.2789, 0.2697

Rectangle

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



21.9597, 0.3779, 0.3323



21.9597, 0.3798, 0.3790



21.9597, 0.2514, 0.3201



21.9597, 0.2490, 0.2765

Sweetspot

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



21.9607, 0.3779, 0.3323



57.6001, 0.3282, 0.3299



22.9232, 0.3180, 0.2577



12.2905, 0.3308, 0.3301



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



21.9607, 0.3779, 0.3323



34.9303, 0.3977, 0.3330



28.4872, 0.3669, 0.3701



7.1287, 0.3284, 0.3299



6.1762, 0.6363, 0.3330



0.1425, 0.6190, 0.3467

Inverse Universe

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



32.5646, 0.2697, 0.3257



56.8561, 0.2619, 0.3249



24.6399, 0.2651, 0.2839



7.9631, 0.2988, 0.3281



20.6971, 0.2214, 0.3169



0.4486, 0.2226, 0.3215

Previews

White Background



This preview shows how the Yxy color 21.9597, 0.3779, 0.3323 looks on a white background.

Color Contrast Check

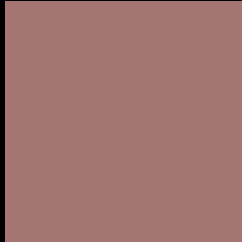
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9597, 0.3779, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

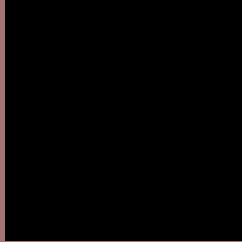
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.9597, 0.3779, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 21.9597, 0.3779, 0.3323.



This preview shows how white text looks on a background with the Yxy color 21.9597, 0.3779, 0.3323.

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

21.9597, 0.3779, 0.3323

Protanopia

22.1493, 0.3275, 0.3432

Deuteranopia

22.1780, 0.3541, 0.3478



Tritanopia

22.0530, 0.3677, 0.3167

Trichromacy



Original Color

21.9597, 0.3779, 0.3323

Protanomaly

22.0189, 0.3443, 0.3394

Deuteranomaly

22.0040, 0.3629, 0.3424

Tritanomaly

21.9782, 0.3717, 0.3214

Monochromacy



Original Color

21.9597, 0.3779, 0.3323

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.2420, 0.3345, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.9597, 0.3779, 0.3323 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(165, 117, 115)` looks like.

```
.text, #text, p{  
    color:rgb(165, 117, 115)  
}
```

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(165, 117, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 117, 115) }
```

Border

The CSS property to change the border of an element to Yxy 21.9597, 0.3779, 0.3323 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(165, 117, 115) }
```

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

```
.border{ border-color:rgb(165, 117, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 117, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 117, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 117, 115);  
box-shadow:4px 4px 4px 4px rgb(165, 117,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 21.9597, 0.3779, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 117, 115) }
```

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

```
.background{ background-color: rgb(165,  
117, 115) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor