

Converting Colors

$Yxy(21.5794, 0.3828, 0.3332)$

Have a look what the booklet for
Yxy(21.5794, 0.3828, 0.3332)
contains.

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Color

Yxy(21.5607, 0.3829, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	A67371
RGB	166, 115, 113
RGB Percent	65%, 45%, 44%
CMY	0.3490, 0.5490, 0.5570
CMYK	0.00, 0.31, 0.32, 0.35
HSL	2°, 23%, 55%
HSV	2°, 32%, 65%
XYZ	24.8363, 21.5607, 18.4667
YIQ	130.0210, 31.0380, 10.1900

Conversions

Conversions Part 2

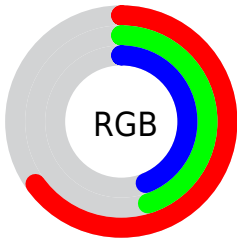
Format	Color
R_{YB}	166, 115, 113
Decimal	10908529
CIE _{Lab}	53.56, 19.84, 9.22
CIE _{LCh}	54, 21.879, 24.926
Yxy	21.5607, 0.3829, 0.3324
Android (android.graphics.Color)	4289098609 (0xFFA67371)
YUV	130.0210, -8.3914, 31.5536
Hunter-Lab	46.4335, 14.2173, 8.9237

Details

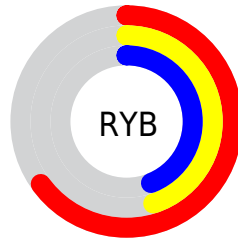
The Yxy color **21.5607, 0.3829, 0.3324** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.8016, 0.2676, 0.3256**, and the grayscale version is **22.3530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.8836, 0.3666, 0.3315**, and **7.7888, 0.4134, 0.3315** is the 20% darker color. If you saturate the color by 10%, you get **17.8904, 0.4161, 0.3335**, and if you desaturate by 10%, it is **25.9319, 0.3556, 0.3313**.

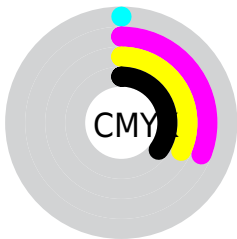
Distribution



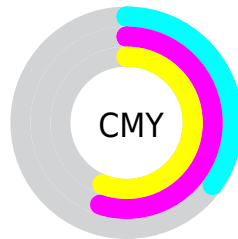
- Red (65%)
- Green (45%)
- Blue (44%)



- Red (65%)
- Yellow (45%)
- Blue (44%)



- Cyan (0%)
- Magenta (31%)
- Yellow (32%)
- Black (35%)





- Cyan (35%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.5607, 0.3829, 0.3324 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 21.5607, 0.3829, 0.3324 by changing the saturation by 10% instead.


 21.5607, 0.3829,
0.3324


 21.5607, 0.3829,
0.3324


260.2435, 0.3430,
0.3313


 13.5345, 0.3949,
0.3323


 46.0188, 0.3670,
0.3322


 7.7976, 0.4117,
0.3318


 63.2196, 0.3615,
0.3321

 3.9657, 0.4369,
0.3304

 84.2472, 0.3570,
0.3320

 1.6544, 0.4786,
0.3262

 109.4862, 0.3532,
0.3318

 0.3939, 0.6856,
0.3144

139.3209, 0.3501,
0.3317

 0.0000, 0.0000,
0.0000

174.1358, 0.3474,

0.3316

214.3152, 0.3450,
0.3314

■ 21.5607, 0.3829,
0.3324

■ 21.5607, 0.3829,
0.3324

■ 17.8904, 0.4161,
0.3335

■ 25.9319, 0.3556,
0.3313

■ 14.8817, 0.4554,
0.3344

■ 31.0345, 0.3336,
0.3302

■ 12.4962, 0.4999,
0.3351


■ 36.9010, 0.3158,
0.3292

■ 10.6901, 0.5461,
0.3351


■ 43.5610, 0.3014,
0.3283

■ 9.4141, 0.5885,
0.3344


■ 51.0425, 0.2897,
0.3274

 8.6107, 0.6202,
0.3330

 59.3722, 0.2802,
0.3267

 8.2455, 0.6369,
0.3325

 68.5755, 0.2724,
0.3260

 78.6768, 0.2659,
0.3254

 86.8473, 0.2633,
0.3289

Harmonies

Analogous

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



21.5607, 0.3538, 0.3016



21.5607, 0.3829, 0.3324



21.5607, 0.3916, 0.3642

Triad

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



21.5607, 0.3829, 0.3324



21.5607, 0.3073, 0.3889



21.5607, 0.2500, 0.2682

Complementary

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



21.5607, 0.3829, 0.3324



32.8016, 0.2676, 0.3256

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.



21.5607, 0.2396, 0.2866



21.5607, 0.3829, 0.3324



21.5607, 0.2712, 0.3578

Square

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



21.5607, 0.3829, 0.3324



21.5607, 0.3464, 0.4003



21.5607, 0.2470, 0.3191



21.5607, 0.2765, 0.2656

Rectangle

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



21.5607, 0.3829, 0.3324



21.5607, 0.3846, 0.3825



21.5607, 0.2470, 0.3191



21.5607, 0.2446, 0.2726

Sweetspot

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



21.5617, 0.3829, 0.3324



58.0947, 0.3301, 0.3300



22.6000, 0.3184, 0.2538



12.6950, 0.3328, 0.3302



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.



21.5617, 0.3829, 0.3324



34.4921, 0.4047, 0.3332



28.4239, 0.3705, 0.3725



7.5867, 0.3285, 0.3299



6.4098, 0.6364, 0.3328



0.1699, 0.6205, 0.3455

Inverse Universe

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



32.8016, 0.2676, 0.3256



57.9826, 0.2595, 0.3248



24.3586, 0.2623, 0.2810



8.4820, 0.2987, 0.3281



21.5482, 0.2215, 0.3172



0.5389, 0.2226, 0.3213

Previews

White Background



This preview shows how the Yxy color 21.5607, 0.3829, 0.3324 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 21.5607, 0.3829, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

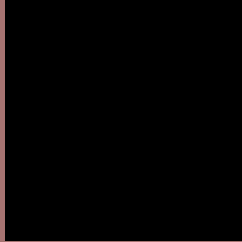
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.5607, 0.3829, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 21.5607, 0.3829, 0.3324.



This preview shows how white text looks on a background with the Yxy color 21.5607, 0.3829, 0.3324.

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

21.5607, 0.3829, 0.3324

Protanopia

21.7810, 0.3276, 0.3433

Deuteranopia

21.7660, 0.3569, 0.3513



Tritanopia

21.6553, 0.3725, 0.3167

Trichromacy



Original Color

21.5607, 0.3829, 0.3324

Protanomaly

21.4700, 0.3473, 0.3394

Deuteranomaly

21.7146, 0.3659, 0.3441

Tritanomaly

21.5820, 0.3765, 0.3214

Monochromacy



Original Color

21.5607, 0.3829, 0.3324

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.9621, 0.3359, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.5607, 0.3829, 0.3324 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(166, 115, 113)` looks like.

```
.text, #text, p{  
    color:rgb(166, 115, 113)  
}
```

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(166, 115, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 115, 113) }
```

Border

The CSS property to change the border of an element to Yxy 21.5607, 0.3829, 0.3324 is called "border". The border property can be set on classes, ids or directly on the HTML element.

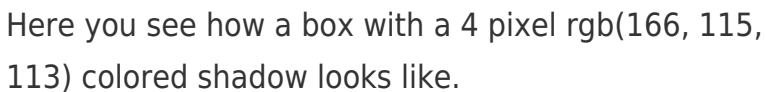
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 115, 113) }
```

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

```
.border{ border-color:rgb(166, 115, 113) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 115, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 115, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 115, 113); box-shadow:4px 4px 4px 4px rgb(166, 115, 113) }
```


Background

The CSS property to change the background color of an element to Yxy 21.5607, 0.3829, 0.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 115, 113) }
```

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

```
.background{ background-color: rgb(166,  
115, 113) }
```

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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