

Converting Colors

$Y_{xy}(21.1430, 0.3978, 0.3304)$

Have a look what the booklet for
Yxy(21.1430, 0.3978, 0.3304)
contains.

Yxy(21.0483, 0.3974, 0.3293)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.0483, 0.3974, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	AC6E6E
RGB	172, 110, 110
RGB Percent	67%, 43%, 43%
CMY	0.3255, 0.5686, 0.5687
CMYK	0.00, 0.36, 0.36, 0.33
HSL	0°, 27%, 55%
HSV	0°, 36%, 67%
XYZ	25.4011, 21.0483, 17.4689
YIQ	128.5380, 36.9520, 13.1440

Conversions

Conversions Part 2

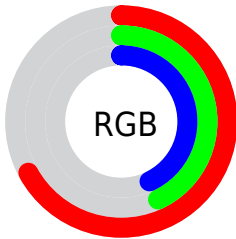
Format	Color
R _Y B	172, 110, 110
Decimal	11300462
CIE Lab	53.00, 24.64, 10.29
CIE LCh	53, 26.704, 22.674
Yxy	21.0483, 0.3974, 0.3293
Android (android.graphics.Color)	4289490542 (0xFFAC6E6E)
YUV	128.5380, -9.1392, 38.1162
Hunter-Lab	45.8784, 18.5414, 9.5394

Details

The Yxy color **21.0483, 0.3974, 0.3293** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **35.7800, 0.2630, 0.3288**, and the grayscale version is **21.8062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.1073, 0.3777, 0.3292**, and **7.5479, 0.4323, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **17.3536, 0.4343, 0.3294**, and if you desaturate by 10%, it is **25.5373, 0.3670, 0.3292**.

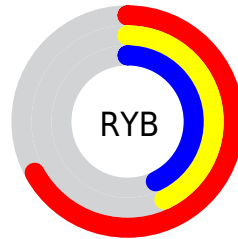
Distribution



Red (67%)

Green (43%)

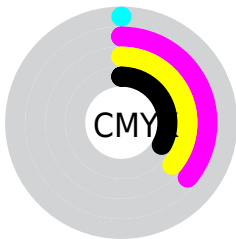
Blue (43%)



Red (67%)

Yellow (43%)

Blue (43%)

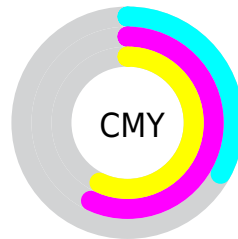


Cyan (0%)

Magenta (36%)

Yellow (36%)

Black (33%)



Cyan (33%)


Magenta (57%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0483, 0.3974, 0.3293 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 21.0483, 0.3974, 0.3293 by changing the saturation by 10% instead.


 21.0483, 0.3974,
0.3293


 21.0483, 0.3974,
0.3293


257.5351, 0.3490,
0.3303

 13.1593, 0.4119,
0.3284


 45.1679, 0.3781,
0.3301

 7.5383, 0.4324,
0.3267


 62.1673, 0.3714,
0.3302

 3.8010, 0.4630,
0.3232

 82.9723, 0.3660,
0.3303

 1.5629, 0.5139,
0.3152

 107.9673, 0.3614,
0.3303

 0.3324, 0.7345,
0.2655

137.5367, 0.3576,
0.3304

 0.0000, 0.0000,
0.0000

172.0648, 0.3543,

0.3304

211.9362, 0.3515,
0.3303

■ 21.0483, 0.3974,
0.3293

■ 21.0483, 0.3974,
0.3293

■ 17.3536, 0.4343,
0.3294

■ 25.5373, 0.3670,
0.3292

■ 14.4041, 0.4773,
0.3296

■ 30.8598, 0.3424,
0.3291

■ 12.1501, 0.5243,
0.3297


■ 37.0560, 0.3227,
0.3290

■ 10.5345, 0.5704,
0.3298


■ 44.1629, 0.3069,
0.3290

■ 9.4915, 0.6085,
0.3299

■ 52.2151, 0.2942,
0.3289

 8.9338, 0.6325,
0.3300

 61.2454, 0.2839,
0.3289

 8.7718, 0.6400,
0.3300

 71.2852, 0.2756,
0.3289

 82.3643, 0.2687,
0.3288

 87.5096, 0.2661,
0.3289

Harmonies

Analogous

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



21.0483, 0.3597, 0.2930



21.0483, 0.3974, 0.3293



21.0483, 0.4100, 0.3679

Triad

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



21.0483, 0.3974, 0.3293



21.0483, 0.3090, 0.4060



21.0483, 0.2349, 0.2559

Complementary

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



21.0483, 0.3974, 0.3293



35.7800, 0.2630, 0.3288

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.



21.0483, 0.2241, 0.2789



21.0483, 0.3974, 0.3293



21.0483, 0.2645, 0.3681

Square

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



21.0483, 0.3974, 0.3293



21.0483, 0.3566, 0.4170



21.0483, 0.2343, 0.3195



21.0483, 0.2653, 0.2520

Rectangle

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



21.0483, 0.3974, 0.3293



21.0483, 0.4023, 0.3911



21.0483, 0.2343, 0.3195



21.0483, 0.2290, 0.2614

Sweetspot

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



21.0493, 0.3974, 0.3293



61.2517, 0.3323, 0.3291



22.8947, 0.3168, 0.2415



12.9973, 0.3349, 0.3291



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



21.0493, 0.3974, 0.3293



32.8960, 0.4253, 0.3294



28.9399, 0.3808, 0.3755



8.0161, 0.3286, 0.3291



6.5287, 0.6400, 0.3300



0.1819, 0.6398, 0.3302

Inverse Universe

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



35.7800, 0.2630, 0.3288



63.4827, 0.2545, 0.3288



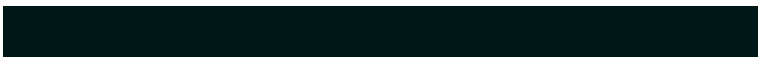
25.3367, 0.2559, 0.2772



9.0713, 0.2987, 0.3289



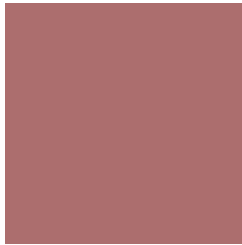
24.1458, 0.2246, 0.3286



0.6720, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 21.0483, 0.3974, 0.3293 looks on a white background.

Color Contrast Check

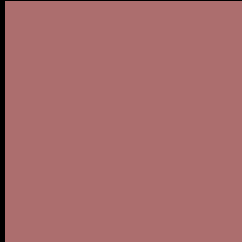
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0483, 0.3974, 0.3293 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 21.0483, 0.3974, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 21.0483, 0.3974, 0.3293.



This preview shows how white text looks on a background with the Yxy color 21.0483, 0.3974, 0.3293.

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

21.0483, 0.3974, 0.3293

Protanopia

21.0789, 0.3267, 0.3417

Deuteranopia

21.1128, 0.3601, 0.3533



Tritanopia

21.1059, 0.3893, 0.3171

Trichromacy



Original Color

21.0483, 0.3974, 0.3293

Protanomaly

20.8049, 0.3508, 0.3360

Deuteranomaly

21.0296, 0.3724, 0.3441

Tritanomaly

21.0364, 0.3936, 0.3217

Monochromacy



Original Color

21.0483, 0.3974, 0.3293

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.3440, 0.3415, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0483, 0.3974, 0.3293 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(172, 110, 110)` looks like.

```
.text, #text, p{  
    color:rgb(172, 110, 110)  
}
```

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(172, 110, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 110, 110) }
```

Border

The CSS property to change the border of an element to Yxy 21.0483, 0.3974, 0.3293 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(172, 110, 110) }
```

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

```
.border{ border-color:rgb(172, 110, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 110, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 110, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 110, 110);  
box-shadow:4px 4px 4px 4px rgb(172, 110,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0483, 0.3974, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 110, 110) }
```

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

```
.background{ background-color: rgb(172,  
110, 110) }
```

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