

Converting Colors

$Y_{xy}(21.7949, 0.3710, 0.3324)$

Have a look what the booklet for
Yxy(21.7949, 0.3710, 0.3324)
contains.

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Color

Yxy(21.7949, 0.3710, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	A17674
RGB	161, 118, 116
RGB Percent	63%, 46%, 45%
CMY	0.3687, 0.5372, 0.5451
CMYK	0.00, 0.27, 0.28, 0.37
HSL	3°, 19%, 54%
HSV	3°, 28%, 63%
XYZ	24.3258, 21.7949, 19.4476
YIQ	130.6290, 26.2700, 8.4940

Conversions

Conversions Part 2

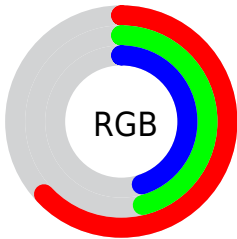
Format	Color
R_{YB}	161, 118, 116
Decimal	10581620
CIE _{Lab}	53.81, 16.55, 7.73
CIE _{LCh}	54, 18.268, 25.023
Yxy	21.7949, 0.3710, 0.3324
Android (android.graphics.Color)	4288771700 (0xFFA17674)
YUV	130.6290, -7.2121, 26.6354
Hunter-Lab	46.6850, 11.3110, 7.9811

Details

The Yxy color **21.7949, 0.3710, 0.3324** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.0709, 0.2727, 0.3256**, and the grayscale version is **22.5773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.3283, 0.3582, 0.3315**, and **7.8617, 0.3946, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **18.1213, 0.4015, 0.3337**, and if you desaturate by 10%, it is **26.1259, 0.3461, 0.3311**.

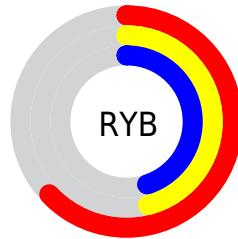
Distribution



Red (63%)

Green (46%)

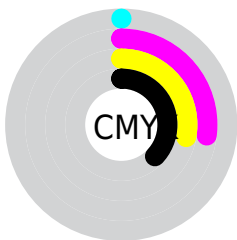
Blue (45%)



Red (63%)

Yellow (46%)

Blue (45%)

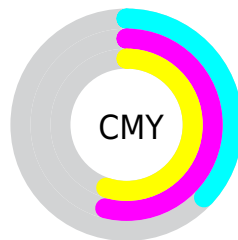


Cyan (0%)

Magenta (27%)

Yellow (28%)

Black (37%)



Cyan (37%)


Magenta (54%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.7949, 0.3710, 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 21.7949, 0.3710, 0.3324 by changing the saturation by 10% instead.


 21.7949, 0.3710,
0.3324


 21.7949, 0.3710,
0.3324


261.4733, 0.3379,
0.3311


 13.7063, 0.3809,
0.3325


 46.4068, 0.3579,
0.3321

 7.9167, 0.3948,
0.3324


 63.6988, 0.3533,
0.3319

 4.0417, 0.4157,
0.3318

 84.8274, 0.3495,
0.3317

 1.6969, 0.4505,
0.3295

110.1771, 0.3464,
0.3316

 0.4216, 0.6562,
0.3438

140.1321, 0.3438,
0.3314

 0.0000, 0.0000,
0.0000

175.0768, 0.3416,

0.3313

215.3958, 0.3396,
0.3312

■ 21.7949, 0.3710,
0.3324

■ 21.7949, 0.3710,
0.3324

■ 18.1213, 0.4015,
0.3337

■ 26.1259, 0.3461,
0.3311

■ 15.0702, 0.4381,
0.3349

■ 31.1411, 0.3259,
0.3299

■ 12.6080, 0.4804,
0.3358


■ 36.8694, 0.3096,
0.3288

■ 10.6967, 0.5261,
0.3361


■ 43.3371, 0.2964,
0.3278


■ 9.2939, 0.5707,
0.3357


■ 50.5693, 0.2857,
0.3268


 8.3511, 0.6077,
0.3344


 58.5898, 0.2769,
0.3260

 7.8074, 0.6321,
0.3329

 67.4215, 0.2697,
0.3253

 7.7314, 0.6363,
0.3330

 77.0862, 0.2636,
0.3246

 86.3151, 0.2610,
0.3288

Harmonies

Analogous

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



21.7949, 0.3471, 0.3062



21.7949, 0.3710, 0.3324



21.7949, 0.3783, 0.3592

Triad

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



21.7949, 0.3710, 0.3324



21.7949, 0.3084, 0.3782



21.7949, 0.2601, 0.2780

Complementary

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



21.7949, 0.3710, 0.3324



31.0709, 0.2727, 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.



21.7949, 0.2512, 0.2939



21.7949, 0.3710, 0.3324



21.7949, 0.2781, 0.3528

Square

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



21.7949, 0.3710, 0.3324



21.7949, 0.3411, 0.3880



21.7949, 0.2575, 0.3211



21.7949, 0.2827, 0.2756

Rectangle

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



21.7949, 0.3710, 0.3324



21.7949, 0.3726, 0.3742



21.7949, 0.2575, 0.3211



21.7949, 0.2555, 0.2819

Sweetspot

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



21.7959, 0.3710, 0.3324



55.5854, 0.3263, 0.3299



22.5859, 0.3176, 0.2633



11.8918, 0.3290, 0.3301



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



21.7959, 0.3710, 0.3324



34.5099, 0.3908, 0.3333



27.5893, 0.3619, 0.3668



7.1344, 0.3284, 0.3301



6.1928, 0.6358, 0.3334



0.1445, 0.6164, 0.3488

Inverse Universe

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



31.0709, 0.2727, 0.3256



54.1159, 0.2643, 0.3247



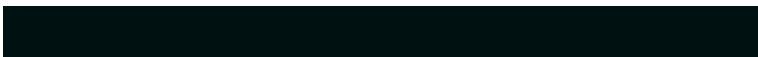
24.1744, 0.2690, 0.2880



7.9567, 0.2988, 0.3279



20.4761, 0.2209, 0.3153



0.4457, 0.2224, 0.3205

Previews

White Background



This preview shows how the Yxy color 21.7949, 0.3710, 0.3324 looks on a white background.

Color Contrast Check

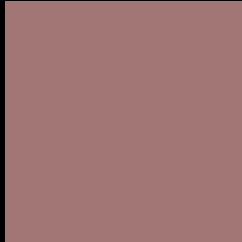
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7949, 0.3710, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

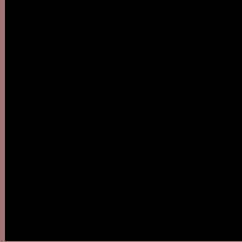
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.7949, 0.3710, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 21.7949, 0.3710, 0.3324.



This preview shows how white text looks on a background with the Yxy color 21.7949, 0.3710, 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

21.7949, 0.3710, 0.3324

Protanopia

21.8300, 0.3253, 0.3397

Deuteranopia

21.7641, 0.3507, 0.3445



Tritanopia

21.8846, 0.3610, 0.3164

Trichromacy



Original Color

21.7949, 0.3710, 0.3324

Protanomaly

21.6110, 0.3409, 0.3360

Deuteranomaly

21.7362, 0.3578, 0.3409

Tritanomaly

21.8091, 0.3649, 0.3212

Monochromacy



Original Color

21.7949, 0.3710, 0.3324

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.1789, 0.3321, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.7949, 0.3710, 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(161, 118, 116)` looks like.

```
.text, #text, p{  
    color:rgb(161, 118, 116)  
}
```

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(161, 118, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 118, 116) }
```

Border

The CSS property to change the border of an element to Yxy 21.7949, 0.3710, 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(161, 118, 116) }
```

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

```
.border{ border-color:rgb(161, 118, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 118, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 118, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 118, 116);  
box-shadow:4px 4px 4px 4px rgb(161, 118,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 21.7949, 0.3710, 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(161, 118, 116) }
```

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

```
.background{ background-color: rgb(161,  
118, 116) }
```

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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