

Converting Colors

$Y_{xy}(24.2838, 0.3597, 0.3332)$

Have a look what the booklet for
Yxy(24.2838, 0.3597, 0.3332)
contains.

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Color

Yxy(24.4205, 0.3600, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	A37F7C
RGB	163, 127, 124
RGB Percent	64%, 50%, 49%
CMY	0.3608, 0.5019, 0.5138
CMYK	0.00, 0.22, 0.24, 0.36
HSL	5°, 17%, 56%
HSV	5°, 24%, 64%
XYZ	26.3294, 24.4205, 22.3873
YIQ	137.4220, 22.4190, 6.6990

Conversions

Conversions Part 2

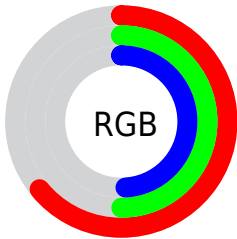
Format	Color
R_{YB}	163, 127, 124
Decimal	10715004
CIE _{Lab}	56.51, 13.41, 6.97
CIE _{LCh}	57, 15.114, 27.450
Yxy	24.4205, 0.3600, 0.3339
Android (android.graphics.Color)	4288905084 (0xFFA37F7C)
YUV	137.4220, -6.6170, 22.4319
Hunter-Lab	49.4171, 8.6247, 7.7320

Details

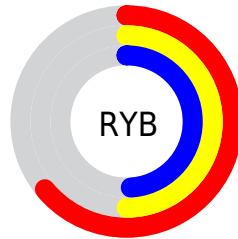
The Yxy color **24.4205, 0.3600, 0.3339** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.0558, 0.2778, 0.3240**, and the grayscale version is **25.2035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.8372, 0.3505, 0.3338**, and **9.2718, 0.3778, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **20.4448, 0.3877, 0.3361**, and if you desaturate by 10%, it is **29.0460, 0.3374, 0.3318**.

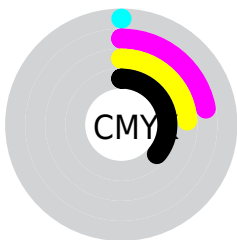
Distribution



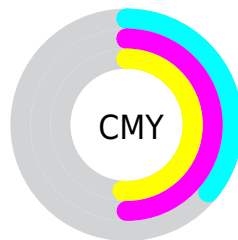
- Red (64%)
- Green (50%)
- Blue (49%)



- Red (64%)
- Yellow (50%)
- Blue (49%)



- Cyan (0%)
- Magenta (22%)
- Yellow (24%)
- Black (36%)





- Cyan (36%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4205, 0.3600, 0.3339 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 24.4205, 0.3600, 0.3339 by changing the saturation by 10% instead.


 24.4205, 0.3600,
0.3339


 24.4205, 0.3600,
0.3339


274.9395, 0.3336,
0.3316


 15.6458, 0.3677,
0.3344


 50.7155, 0.3497,
0.3331

 9.2739, 0.3783,
0.3349


 69.0047, 0.3460,
0.3328

 4.9203, 0.3940,
0.3354

 91.2341, 0.3430,
0.3325

 2.2006, 0.4194,
0.3354

117.7883, 0.3405,
0.3323

 0.7203, 0.5015,
0.3529

149.0515, 0.3384,
0.3321

 0.0000, 0.0000,
0.0000

185.4082, 0.3366,

0.3319

227.2427, 0.3350,
0.3317

■ 24.4205, 0.3600,
0.3339

■ 24.4205, 0.3600,
0.3339

■ 20.4448, 0.3877,
0.3361

■ 29.0460, 0.3374,
0.3318

■ 17.0866, 0.4211,
0.3382

■ 34.3451, 0.3190,
0.3298

■ 14.3159, 0.4603,
0.3399


■ 40.3444, 0.3040,
0.3279

■ 12.0990, 0.5040,
0.3410


■ 47.0682, 0.2918,
0.3262


■ 10.3985, 0.5490,
0.3408


■ 54.5394, 0.2818,
0.3247


 9.1726, 0.5898,
0.3393

 62.7803, 0.2736,
0.3233

 8.3728, 0.6201,
0.3363

 71.8118, 0.2667,
0.3221

 8.0650, 0.6335,
0.3352

 81.6542, 0.2610,
0.3210

 86.5257, 0.2619,
0.3289

Harmonies

Analogous

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



24.4205, 0.3420, 0.3124



24.4205, 0.3600, 0.3339



24.4205, 0.3647, 0.3552

Triad

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



24.4205, 0.3600, 0.3339



24.4205, 0.3074, 0.3665



24.4205, 0.2716, 0.2876

Complementary

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



24.4205, 0.3600, 0.3339



32.0558, 0.2778, 0.3240

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.



24.4205, 0.2633, 0.2999



24.4205, 0.3600, 0.3339



24.4205, 0.2834, 0.3459

Square

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



24.4205, 0.3600, 0.3339



24.4205, 0.3336, 0.3755



24.4205, 0.2675, 0.3211



24.4205, 0.2907, 0.2862

Rectangle

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



24.4205, 0.3600, 0.3339



24.4205, 0.3595, 0.3666



24.4205, 0.2675, 0.3211



24.4205, 0.2675, 0.2905

Sweetspot

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



24.4216, 0.3600, 0.3339



58.3503, 0.3244, 0.3304



24.7475, 0.3183, 0.2746



12.9851, 0.3254, 0.3305



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.



24.4216, 0.3600, 0.3339



39.6118, 0.3748, 0.3351



29.8249, 0.3534, 0.3631



7.1703, 0.3283, 0.3308



6.2977, 0.6326, 0.3359



0.1573, 0.6009, 0.3611

Inverse Universe

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



32.0558, 0.2778, 0.3240



55.8139, 0.2703, 0.3228



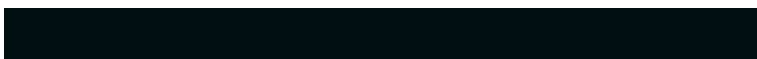
25.9433, 0.2753, 0.2924



7.9167, 0.2988, 0.3272



19.1214, 0.2181, 0.3050



0.4276, 0.2207, 0.3143

Previews

White Background



This preview shows how the Yxy color 24.4205, 0.3600, 0.3339 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 24.4205, 0.3600, 0.3339 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 24.4205, 0.3600, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 24.4205, 0.3600, 0.3339.



This preview shows how white text looks on a background with the Yxy color 24.4205, 0.3600, 0.3339.

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

24.4205, 0.3600, 0.3339

Protanopia

24.4619, 0.3258, 0.3409

Deuteranopia

24.4350, 0.3477, 0.3422



Tritanopia

24.3090, 0.3485, 0.3136

Trichromacy



Original Color

24.4205, 0.3600, 0.3339

Protanomaly

24.3307, 0.3369, 0.3374

Deuteranomaly

24.5634, 0.3528, 0.3404

Tritanomaly

24.4529, 0.3531, 0.3213

Monochromacy



Original Color

24.4205, 0.3600, 0.3339

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.5520, 0.3287, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4205, 0.3600, 0.3339 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(163, 127, 124)` looks like.

```
.text, #text, p{  
    color:rgb(163, 127, 124)  
}
```

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(163, 127, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 127, 124) }
```

Border

The CSS property to change the border of an element to Yxy 24.4205, 0.3600, 0.3339 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(163, 127, 124) }
```

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

```
.border{ border-color:rgb(163, 127, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 127, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 127, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 127, 124);  
box-shadow:4px 4px 4px 4px rgb(163, 127,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4205, 0.3600, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 127, 124) }
```

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

```
.background{ background-color: rgb(163,  
127, 124) }
```

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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