

Converting Colors

$Y_{xy}(24.2643, 0.4003, 0.3563)$

Have a look what the booklet for
Yxy(24.2643, 0.4003, 0.3563)
contains.

Yxy(24.2998, 0.4003, 0.3562)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.2998, 0.4003, 0.3562)

Conversions

Conversions Part 1

Format	Color
Hex	AF7B69
RGB	175, 123, 105
RGB Percent	69%, 48%, 41%
CMY	0.3138, 0.5176, 0.5883
CMYK	0.00, 0.30, 0.40, 0.31
HSL	15°, 30%, 55%
HSV	15°, 40%, 69%
XYZ	27.3083, 24.2998, 16.6115
YIQ	136.4960, 36.7700, 5.4260

Conversions

Conversions Part 2

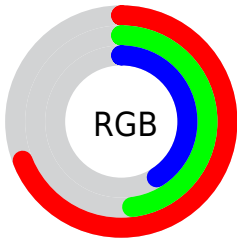
Format	Color
R_{YB}	175, 129, 105
Decimal	11500393
CIE _{Lab}	56.39, 17.92, 17.94
CIE _{LCh}	56, 25.354, 45.030
Yxy	24.2998, 0.4003, 0.3562
Android (android.graphics.Color)	4289690473 (0xFFAF7B69)
YUV	136.4960, -15.5275, 33.7680
Hunter-Lab	49.2948, 12.6192, 14.5267

Details

The Yxy color **24.2998, 0.4003, 0.3562** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.1948, 0.2540, 0.2995**, and the grayscale version is **24.8656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.6068, 0.3813, 0.3521**, and **9.1961, 0.4322, 0.3627** is the 20% darker color. If you saturate the color by 10%, you get **20.9648, 0.4323, 0.3627**, and if you desaturate by 10%, it is **28.1389, 0.3726, 0.3492**.

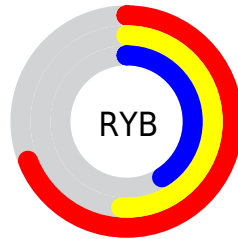
Distribution



Red (69%)

Green (48%)

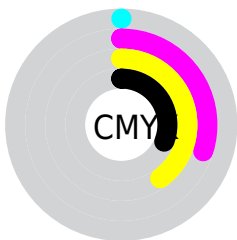
Blue (41%)



Red (69%)

Yellow (51%)

Blue (41%)

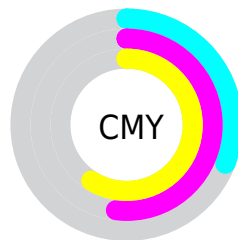


Cyan (0%)

Magenta (30%)

Yellow (40%)

Black (31%)



Cyan (31%)


Magenta (52%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2998, 0.4003, 0.3562 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 24.2998, 0.4003, 0.3562 by changing the saturation by 10% instead.


 24.2998, 0.4003,
0.3562


 24.2998, 0.4003,
0.3562


274.3327, 0.3514,
0.3427

 15.5562, 0.4144,
0.3593


 50.5190, 0.3812,
0.3514

 9.2106, 0.4337,
0.3629


 68.7633, 0.3744,
0.3496

 4.8788, 0.4616,
0.3668


 90.9434, 0.3689,
0.3480

 2.1763, 0.5063,
0.3708

 117.4435, 0.3642,
0.3467

 0.7070, 0.6170,
0.3830

148.6481, 0.3603,
0.3455

 0.0000, 1.0000,
0.0000

184.9415, 0.3569,

 0.0000, 0.0000,

0.3444

0.0000

226.7083, 0.3540,
0.3435

■ 24.2998, 0.4003,
0.3562

■ 24.2998, 0.4003,
0.3562

■ 20.9648, 0.4323,
0.3627

■ 28.1389, 0.3726,
0.3492

■ 18.1092, 0.4683,
0.3678

■ 32.4986, 0.3491,
0.3422

■ 15.7112, 0.5066,
0.3706


■ 37.3990, 0.3293,
0.3354


■ 13.7460, 0.5446,
0.3699

■ 42.8580, 0.3127,
0.3290


■ 12.1859, 0.5783,
0.3652


■ 48.8925, 0.2988,
0.3231

 10.9940, 0.6054,
0.3575

 55.5191, 0.2872,
0.3177

 62.7532, 0.2774,
0.3128

 70.6101, 0.2691,
0.3084

 78.6138, 0.2656,
0.3123

Harmonies

Analogous

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



24.2998, 0.3824, 0.3207



24.2998, 0.4003, 0.3562



24.2998, 0.3926, 0.3881

Triad

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



24.2998, 0.4003, 0.3562



24.2998, 0.2786, 0.3745



24.2998, 0.2611, 0.2580

Complementary

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



24.2998, 0.4003, 0.3562



30.1948, 0.2540, 0.2995

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.



24.2998, 0.2375, 0.2663



24.2998, 0.4003, 0.3562



24.2998, 0.2468, 0.3318

Square

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



24.2998, 0.4003, 0.3562



24.2998, 0.3209, 0.4033



24.2998, 0.2324, 0.2920



24.2998, 0.2995, 0.2665

Rectangle

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



24.2998, 0.4003, 0.3562



24.2998, 0.3747, 0.4028



24.2998, 0.2324, 0.2920



24.2998, 0.2513, 0.2588

Sweetspot

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



24.3010, 0.4003, 0.3562



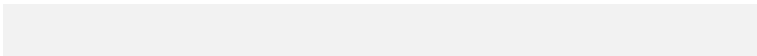
64.9749, 0.3333, 0.3368



21.6629, 0.3383, 0.2540



14.1880, 0.3358, 0.3377



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



24.3010, 0.4003, 0.3562



38.2113, 0.4284, 0.3619



34.4091, 0.3804, 0.4045



8.3382, 0.3280, 0.3349



7.9616, 0.6034, 0.3591



0.3099, 0.5449, 0.4055

Inverse Universe

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



30.1948, 0.2540, 0.2995



50.1927, 0.2425, 0.2917



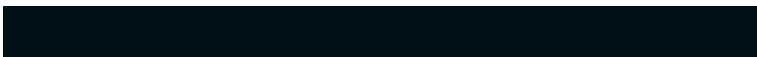
20.1352, 0.2448, 0.2395



8.7176, 0.2986, 0.3230



13.7385, 0.2013, 0.2447



0.4638, 0.2092, 0.2732

Previews

White Background



This preview shows how the Yxy color 24.2998, 0.4003, 0.3562 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 24.2998, 0.4003, 0.3562 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 24.2998, 0.4003, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 24.2998, 0.4003, 0.3562.



This preview shows how white text looks on a background with the Yxy color 24.2998, 0.4003, 0.3562.

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

24.2998, 0.4003, 0.3562

Protanopia

24.4049, 0.3491, 0.3699

Deuteranopia

24.3357, 0.3777, 0.3710



Tritanopia

24.3650, 0.3735, 0.3159

Trichromacy



Original Color

24.2998, 0.4003, 0.3562

Protanomaly

24.3053, 0.3664, 0.3651

Deuteranomaly

24.1776, 0.3868, 0.3652

Tritanomaly

24.2609, 0.3835, 0.3307

Monochromacy



Original Color

24.2998, 0.4003, 0.3562

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.1973, 0.3418, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2998, 0.4003, 0.3562 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(175, 123, 105)` looks like.

```
.text, #text, p{  
    color:rgb(175, 123, 105)  
}
```

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(175, 123, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 123, 105) }
```

Border

The CSS property to change the border of an element to Yxy 24.2998, 0.4003, 0.3562 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(175, 123, 105) }
```

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

```
.border{ border-color:rgb(175, 123, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 123, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 123, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 123, 105);  
box-shadow:4px 4px 4px 4px rgb(175, 123,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2998, 0.4003, 0.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 123, 105) }
```

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

```
.background{ background-color: rgb(175,  
123, 105) }
```

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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