

Converting Colors

$Y_{xy}(24.2715, 0.3913, 0.3570)$

Have a look what the booklet for
Yxy(24.2715, 0.3913, 0.3570)
contains.

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Color

Yxy(24.2748, 0.3905, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	AA7D6B
RGB	170, 125, 107
RGB Percent	67%, 49%, 42%
CMY	0.3333, 0.5098, 0.5804
CMYK	0.00, 0.26, 0.37, 0.33
HSL	17°, 27%, 54%
HSV	17°, 37%, 67%
XYZ	26.5676, 24.2748, 17.1924
YIQ	136.4030, 32.5980, 3.9420

Conversions

Conversions Part 2

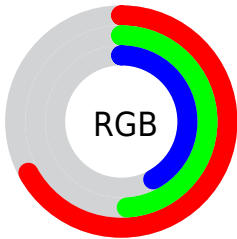
Format	Color
R _Y B	170, 132, 107
Decimal	11173227
CIE Lab	56.36, 15.02, 16.66
CIE LCh	56, 22.430, 47.978
Yxy	24.2748, 0.3905, 0.3568
Android (android.graphics.Color)	4289363307 (0xFFAA7D6B)
YUV	136.4030, -14.4957, 29.4646
Hunter-Lab	49.2695, 10.0310, 13.7996

Details

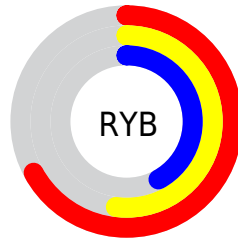
The Yxy color $24.2748, 0.3905, 0.3568$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $28.4888, 0.2577, 0.2990$, and the grayscale version is $24.8266, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.6403, 0.3742, 0.3524$, and $9.2081, 0.4190, 0.3639$ is the 20% darker color. If you saturate the color by 10%, you get $21.0635, 0.4204, 0.3642$, and if you desaturate by 10%, it is $27.9348, 0.3646, 0.3490$.

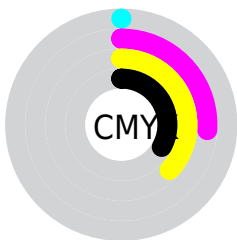
Distribution



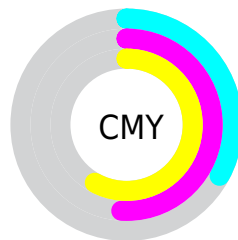
- Red (67%)
- Green (49%)
- Blue (42%)



- Red (67%)
- Yellow (52%)
- Blue (42%)



- Cyan (0%)
- Magenta (26%)
- Yellow (37%)
- Black (33%)





- Cyan (33%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2748, 0.3905, 0.3568 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 24.2748, 0.3905, 0.3568 by changing the saturation by 10% instead.


 24.2748, 0.3905,
0.3568


 24.2748, 0.3905,
0.3568


274.2068, 0.3471,
0.3426


 15.5376, 0.4031,
0.3603


 50.4783, 0.3735,
0.3517

 9.1975, 0.4203,
0.3645


 68.7133, 0.3675,
0.3497

 4.8703, 0.4453,
0.3696

 90.8831, 0.3626,
0.3481

 2.1713, 0.4849,
0.3755

 117.3720, 0.3584,
0.3467

 0.7043, 0.5988,
0.4012

148.5644, 0.3549,
0.3454

 0.0000, 0.0000,
0.0000

184.8448, 0.3519,

0.3444

226.5975, 0.3493,
0.3434

■ 24.2748, 0.3905,
0.3568

■ 24.2748, 0.3905,
0.3568

■ 21.0635, 0.4204,
0.3642

■ 27.9348, 0.3646,
0.3490

■ 18.2797, 0.4542,
0.3705

■ 32.0567, 0.3426,
0.3413

■ 15.9057, 0.4907,
0.3747


■ 36.6573, 0.3240,
0.3339

■ 13.9212, 0.5279,
0.3757


■ 41.7516, 0.3084,
0.3270


■ 12.3037, 0.5623,
0.3725


■ 47.3540, 0.2952,
0.3207

 11.0265, 0.5908,
0.3651

 53.4782, 0.2841,
0.3149

 10.7091, 0.5986,
0.3629

 60.1374, 0.2747,
0.3096

 67.3442, 0.2667,
0.3048

 74.7842, 0.2622,
0.3058

Harmonies

Analogous

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



24.2748, 0.3768, 0.3250



24.2748, 0.3905, 0.3568



24.2748, 0.3817, 0.3841

Triad

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



24.2748, 0.3905, 0.3568



24.2748, 0.2793, 0.3657



24.2748, 0.2697, 0.2657

Complementary

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



24.2748, 0.3905, 0.3568



28.4888, 0.2577, 0.2990

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.



24.2748, 0.2469, 0.2718



24.2748, 0.3905, 0.3568



24.2748, 0.2521, 0.3280

Square

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



24.2748, 0.3905, 0.3568



24.2748, 0.3165, 0.3926



24.2748, 0.2407, 0.2936



24.2748, 0.3051, 0.2746

Rectangle

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



24.2748, 0.3905, 0.3568



24.2748, 0.3650, 0.3957



24.2748, 0.2407, 0.2936



24.2748, 0.2605, 0.2660

Sweetspot

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



24.2760, 0.3905, 0.3568



62.9425, 0.3313, 0.3369



21.3339, 0.3385, 0.2624



13.7922, 0.3338, 0.3379



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.



24.2760, 0.3905, 0.3568



39.4635, 0.4133, 0.3626



33.5083, 0.3738, 0.4017



7.8784, 0.3279, 0.3355



7.9605, 0.5966, 0.3645



0.2795, 0.5337, 0.4144

Inverse Universe

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



28.4888, 0.2577, 0.2990



48.1357, 0.2471, 0.2916



19.6173, 0.2499, 0.2437



8.1645, 0.2987, 0.3224



12.3704, 0.1986, 0.2350



0.3816, 0.2083, 0.2697

Previews

White Background



This preview shows how the Yxy color 24.2748, 0.3905, 0.3568 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 24.2748, 0.3905, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

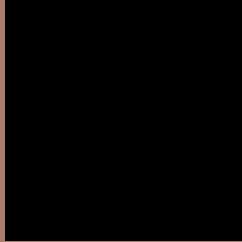
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2748, 0.3905, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 24.2748, 0.3905, 0.3568.



This preview shows how white text looks on a background with the Yxy color 24.2748, 0.3905, 0.3568.

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

24.2748, 0.3905, 0.3568

Protanopia

24.3374, 0.3468, 0.3683

Deuteranopia

24.2750, 0.3741, 0.3679



Tritanopia

24.3284, 0.3641, 0.3156

Trichromacy



Original Color

24.2748, 0.3905, 0.3568

Protanomaly

24.1307, 0.3628, 0.3637

Deuteranomaly

24.1603, 0.3801, 0.3641

Tritanomaly

24.2290, 0.3739, 0.3307

Monochromacy



Original Color

24.2748, 0.3905, 0.3568

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.2791, 0.3391, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2748, 0.3905, 0.3568 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(170, 125, 107)` looks like.

```
.text, #text, p{  
    color:rgb(170, 125, 107)  
}
```

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(170, 125, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 125, 107) }
```

Border

The CSS property to change the border of an element to Yxy 24.2748, 0.3905, 0.3568 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(170, 125, 107) }
```

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

```
.border{ border-color:rgb(170, 125, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 125, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 125, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 125, 107);  
box-shadow:4px 4px 4px 4px rgb(170, 125,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2748, 0.3905, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 125, 107) }
```

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

```
.background{ background-color: rgb(170,  
125, 107) }
```

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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