

Converting Colors

$Yxy(24.7970, 0.3925, 0.3514)$

Have a look what the booklet for
Yxy(24.7970, 0.3925, 0.3514)
contains.

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Color

Yxy(24.9070, 0.3929, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	AF7D6E
RGB	175, 125, 110
RGB Percent	69%, 49%, 43%
CMY	0.3138, 0.5098, 0.5687
CMYK	0.00, 0.29, 0.37, 0.31
HSL	14°, 29%, 56%
HSV	14°, 37%, 69%
XYZ	27.8247, 24.9070, 18.0871
YIQ	138.2400, 34.6150, 5.9350

Conversions

Conversions Part 2

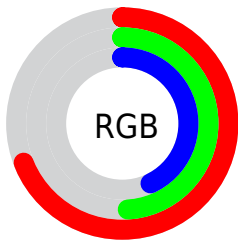
Format	Color
R _Y B	175, 130, 110
Decimal	11500910
CIE Lab	56.98, 17.41, 15.89
CIE LCh	57, 23.572, 42.395
Yxy	24.9070, 0.3929, 0.3517
Android (android.graphics.Color)	4289690990 (0xFFAF7D6E)
YUV	138.2400, -13.9223, 32.2385
Hunter-Lab	49.9069, 12.1825, 13.4471

Details

The Yxy color **24.9070, 0.3929, 0.3517** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.5362, 0.2583, 0.3047**, and the grayscale version is **25.5564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6052, 0.3751, 0.3474**, and **9.5816, 0.4242, 0.3585** is the 20% darker color. If you saturate the color by 10%, you get **21.3849, 0.4244, 0.3577**, and if you desaturate by 10%, it is **28.9681, 0.3659, 0.3454**.

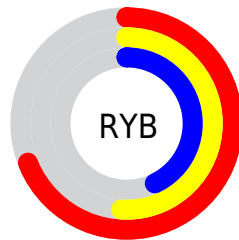
Distribution



Red (69%)

Green (49%)

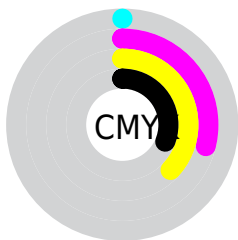
Blue (43%)



Red (69%)

Yellow (51%)

Blue (43%)

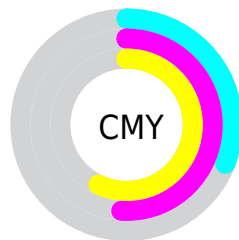


Cyan (0%)

Magenta (29%)

Yellow (37%)

Black (31%)



Cyan (31%)


Magenta (51%)


Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.9070, 0.3929, 0.3517 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 24.9070, 0.3929, 0.3517 by changing the saturation by 10% instead.


 24.9070, 0.3929,
0.3517


 24.9070, 0.3929,
0.3517


277.3745, 0.3483,
0.3405


 16.0078, 0.4058,
0.3543


 51.5063, 0.3755,
0.3477


 9.5297, 0.4234,
0.3573


 69.9752, 0.3693,
0.3462

 5.0882, 0.4489,
0.3607

 92.4027, 0.3642,
0.3449

 2.2991, 0.4885,
0.3635

 119.1734, 0.3600,
0.3437

 0.7732, 0.6085,
0.3915

150.6715, 0.3564,
0.3428

 0.0000, 1.0000,
0.0000

187.2814, 0.3533,

 0.0000, 0.0000,

0.3419

0.0000

229.3876, 0.3506,
0.3411

■ 24.9070, 0.3929,
0.3517

■ 24.9070, 0.3929,
0.3517

■ 21.3849, 0.4244,
0.3577

■ 28.9681, 0.3659,
0.3454

■ 18.3755, 0.4603,
0.3626

■ 33.5862, 0.3432,
0.3391

■ 15.8553, 0.4993,
0.3657


■ 38.7827, 0.3243,
0.3331

■ 13.7976, 0.5388,
0.3658


■ 44.5768, 0.3085,
0.3275

■ 12.1731, 0.5749,
0.3621

■ 50.9870, 0.2953,
0.3223

 10.9469, 0.6037,
0.3550

 58.0307, 0.2843,
0.3176

 10.6614, 0.6110,
0.3530

 65.7249, 0.2750,
0.3133

 74.0857, 0.2672,
0.3095

 82.2992, 0.2664,
0.3191

Harmonies

Analogous

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



24.9070, 0.3744, 0.3187



24.9070, 0.3929, 0.3517



24.9070, 0.3880, 0.3817

Triad

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



24.9070, 0.3929, 0.3517



24.9070, 0.2845, 0.3738



24.9070, 0.2624, 0.2632

Complementary

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



24.9070, 0.3929, 0.3517



31.5362, 0.2583, 0.3047

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.



24.9070, 0.2418, 0.2725



24.9070, 0.3929, 0.3517



24.9070, 0.2537, 0.3353

Square

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



24.9070, 0.3929, 0.3517



24.9070, 0.3241, 0.3984



24.9070, 0.2387, 0.2979



24.9070, 0.2972, 0.2697

Rectangle

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



24.9070, 0.3929, 0.3517



24.9070, 0.3727, 0.3958



24.9070, 0.2387, 0.2979



24.9070, 0.2537, 0.2645

Sweetspot

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



24.9082, 0.3929, 0.3517



65.5798, 0.3315, 0.3354



22.8304, 0.3333, 0.2565



14.3013, 0.3340, 0.3362



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.



24.9082, 0.3929, 0.3517



39.1152, 0.4198, 0.3569



34.2071, 0.3762, 0.3963



8.3047, 0.3281, 0.3343



7.7162, 0.6091, 0.3546



0.2968, 0.5521, 0.3998

Inverse Universe

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



31.5362, 0.2583, 0.3047



52.7617, 0.2470, 0.2981



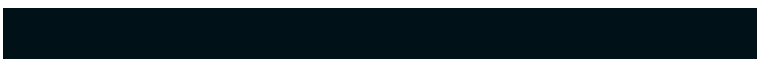
21.9515, 0.2506, 0.2508



8.7533, 0.2986, 0.3236



14.6305, 0.2039, 0.2539



0.4828, 0.2109, 0.2792

Previews

White Background



This preview shows how the Yxy color 24.9070, 0.3929, 0.3517 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 24.9070, 0.3929, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

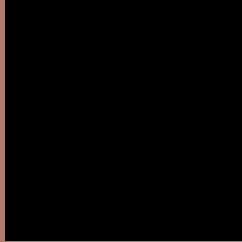
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9070, 0.3929, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 24.9070, 0.3929, 0.3517.



This preview shows how white text looks on a background with the Yxy color 24.9070, 0.3929, 0.3517.

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

24.9070, 0.3929, 0.3517

Protanopia

25.0816, 0.3430, 0.3645

Deuteranopia

25.0802, 0.3721, 0.3658



Tritanopia

24.9049, 0.3702, 0.3159

Trichromacy



Original Color

24.9070, 0.3929, 0.3517

Protanomaly

24.9585, 0.3598, 0.3600

Deuteranomaly

24.8040, 0.3797, 0.3605

Tritanomaly

24.8261, 0.3787, 0.3292

Monochromacy



Original Color

24.9070, 0.3929, 0.3517

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.9129, 0.3391, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9070, 0.3929, 0.3517 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, 125, 110)` looks like.

```
.text, #text, p{  
    color:rgb(175, 125, 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(175, 125, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 125, 110) }
```

Border

The CSS property to change the border of an element to Yxy 24.9070, 0.3929, 0.3517 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, 125, 110) }
```

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

```
.border{ border-color:rgb(175, 125, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 125, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 125, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 125, 110);  
box-shadow:4px 4px 4px 4px rgb(175, 125,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9070, 0.3929, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 125, 110) }
```

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

```
.background{ background-color: rgb(175,  
125, 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](#).

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