

Converting Colors

$Y_{xy}(24.9190, 0.4107, 0.3506)$

Have a look what the booklet for
Yxy(24.9190, 0.4107, 0.3506)
contains.

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Color

Yxy(24.9057, 0.4113, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	B8796A
RGB	184, 121, 106
RGB Percent	72%, 47%, 42%
CMY	0.2784, 0.5255, 0.5843
CMYK	0.00, 0.34, 0.42, 0.28
HSL	12°, 35%, 57%
HSV	12°, 42%, 72%
XYZ	29.2093, 24.9057, 16.9021
YIQ	138.1270, 42.3630, 8.6910

Conversions

Conversions Part 2

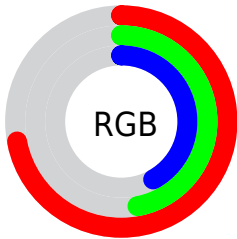
Format	Color
RYB	184, 125, 106
Decimal	12089706
CIELab	56.98, 22.83, 18.35
CIELCh	57, 29.289, 38.784
Yxy	24.9057, 0.4113, 0.3507
Android (android.graphics.Color)	4290279786 (0xFFB8796A)
YUV	138.1270, -15.8386, 40.2306
Hunter-Lab	49.9056, 17.1397, 14.8535

Details

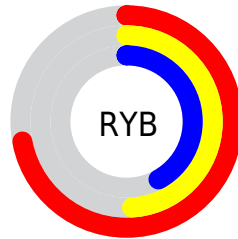
The Yxy color **24.9057, 0.4113, 0.3507** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.9088, 0.2519, 0.3055**, and the grayscale version is **25.5167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5837, 0.3902, 0.3480**, and **9.5397, 0.4465, 0.3547** is the 20% darker color. If you saturate the color by 10%, you get **21.2257, 0.4466, 0.3553**, and if you desaturate by 10%, it is **29.2269, 0.3809, 0.3455**.

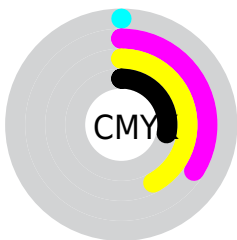
Distribution



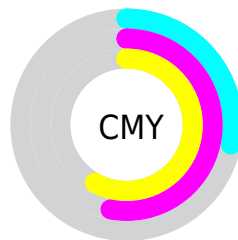
- Red (72%)
- Green (47%)
- Blue (42%)



- Red (72%)
- Yellow (49%)
- Blue (42%)



- Cyan (0%)
- Magenta (34%)
- Yellow (42%)
- Black (28%)





- Cyan (28%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9057, 0.4113, 0.3507 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 24.9057, 0.4113, 0.3507 by changing the saturation by 10% instead.


 24.9057, 0.4113,
0.3507

 24.9057, 0.4113,
0.3507


277.3680, 0.3564,
0.3407


 16.0068, 0.4270,
0.3526


 51.5042, 0.3899,
0.3474


 9.5290, 0.4485,
0.3545


 69.9726, 0.3823,
0.3460

 5.0878, 0.4792,
0.3558

 92.3996, 0.3761,
0.3449

 2.2989, 0.5272,
0.3548

 119.1697, 0.3708,
0.3438

 0.7731, 0.6405,
0.3595

150.6672, 0.3664,
0.3429

 0.0000, 1.0000,
0.0000

187.2764, 0.3626,

 0.0000, 0.0000,

0.3421

0.0000

229.3819, 0.3593,
0.3413

■ 24.9057, 0.4113,
0.3507

■ 24.9057, 0.4113,
0.3507

■ 21.2257, 0.4466,
0.3553

■ 29.2269, 0.3809,
0.3455

■ 18.1527, 0.4861,
0.3585

■ 34.2144, 0.3553,
0.3402

■ 15.6545, 0.5276,
0.3595


■ 39.8961, 0.3341,
0.3350


■ 13.6944, 0.5672,
0.3574

■ 46.2975, 0.3165,
0.3301


■ 12.2315, 0.5999,
0.3519

■ 53.4427, 0.3019,
0.3256

 11.4171, 0.6190,
0.3467

 61.3545, 0.2898,
0.3215

 70.0550, 0.2798,
0.3178

 79.5652, 0.2713,
0.3144

 88.7888, 0.2721,
0.3286

Harmonies

Analogous

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



24.9057, 0.3850, 0.3111



24.9057, 0.4113, 0.3507



24.9057, 0.4081, 0.3887

Triad

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



24.9057, 0.4113, 0.3507



24.9057, 0.2827, 0.3906



24.9057, 0.2468, 0.2489

Complementary

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



24.9057, 0.4113, 0.3507



34.9088, 0.2519, 0.3055

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.



24.9057, 0.2245, 0.2618



24.9057, 0.4113, 0.3507



24.9057, 0.2436, 0.3424

Square

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



24.9057, 0.4113, 0.3507



24.9057, 0.3320, 0.4183



24.9057, 0.2233, 0.2945



24.9057, 0.2872, 0.2550

Rectangle

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



24.9057, 0.4113, 0.3507



24.9057, 0.3906, 0.4085



24.9057, 0.2233, 0.2945



24.9057, 0.2371, 0.2510

Sweetspot

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



24.9069, 0.4113, 0.3507



71.4150, 0.3356, 0.3354



23.3915, 0.3341, 0.2430



14.8889, 0.3400, 0.3365



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



24.9069, 0.4113, 0.3507



38.8041, 0.4446, 0.3551



36.1370, 0.3881, 0.4027



9.2843, 0.3283, 0.3335



7.9468, 0.6171, 0.3482



0.3646, 0.5699, 0.3857

Inverse Universe

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



34.9088, 0.2519, 0.3055



59.3005, 0.2407, 0.2993



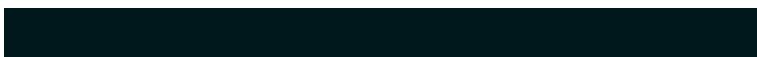
22.6785, 0.2415, 0.2415



9.9092, 0.2985, 0.3245



17.2166, 0.2075, 0.2671



0.6834, 0.2124, 0.2847

Previews

White Background



This preview shows how the Yxy color 24.9057, 0.4113, 0.3507 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 24.9057, 0.4113, 0.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

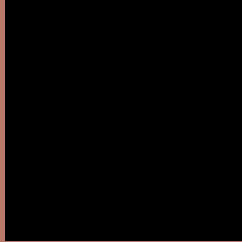
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9057, 0.4113, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 24.9057, 0.4113, 0.3507.



This preview shows how white text looks on a background with the Yxy color 24.9057, 0.4113, 0.3507.

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

24.9057, 0.4113, 0.3507

Protanopia

25.1033, 0.3475, 0.3695

Deuteranopia

25.0791, 0.3791, 0.3736



Tritanopia

24.9283, 0.3880, 0.3165

Trichromacy



Original Color

24.9057, 0.4113, 0.3507

Protanomaly

24.7293, 0.3702, 0.3628

Deuteranomaly

24.8933, 0.3900, 0.3645

Tritanomaly

24.8398, 0.3968, 0.3293

Monochromacy



Original Color

24.9057, 0.4113, 0.3507

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.9774, 0.3463, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9057, 0.4113, 0.3507 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(184, 121, 106)` looks like.

```
.text, #text, p{  
    color:rgb(184, 121, 106)  
}
```

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(184, 121, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 121, 106) }
```

Border

The CSS property to change the border of an element to Yxy 24.9057, 0.4113, 0.3507 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(184, 121, 106) }
```

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

```
.border{ border-color:rgb(184, 121, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 121, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 121, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 121, 106);  
box-shadow:4px 4px 4px 4px rgb(184, 121,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9057, 0.4113, 0.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 121, 106) }
```

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

```
.background{ background-color: rgb(184,  
121, 106) }
```

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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