

Converting Colors

$Yxy(26.4243, 0.4036, 0.3462)$

Have a look what the booklet for
Yxy(26.4243, 0.4036, 0.3462)
contains.

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Color

Yxy(26.4243, 0.4036, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	BB7D71
RGB	187, 125, 113
RGB Percent	73%, 49%, 44%
CMY	0.2667, 0.5098, 0.5569
CMYK	0.00, 0.33, 0.40, 0.27
HSL	10°, 35%, 59%
HSV	10°, 40%, 73%
XYZ	30.8055, 26.4243, 19.0969
YIQ	142.1700, 40.8040, 9.4120

Conversions

Conversions Part 2

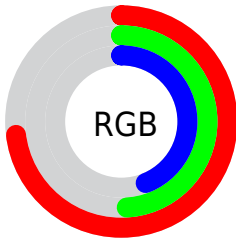
Format	Color
R _Y B	187, 127, 113
Decimal	12287345
CIE Lab	58.44, 22.60, 16.39
CIE LCh	58, 27.917, 35.948
Yxy	26.4243, 0.4036, 0.3462
Android (android.graphics.Color)	4290477425 (0xFFBB7D71)
YUV	142.1700, -14.3808, 39.3159
Hunter-Lab	51.4046, 17.0125, 13.9568

Details

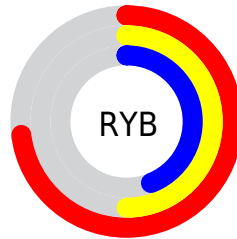
The Yxy color **26.4243, 0.4036, 0.3462** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **37.7460, 0.2560, 0.3107**, and the grayscale version is **27.1675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9699, 0.3841, 0.3434**, and **10.3193, 0.4385, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **22.3889, 0.4385, 0.3503**, and if you desaturate by 10%, it is **31.1744, 0.3739, 0.3417**.

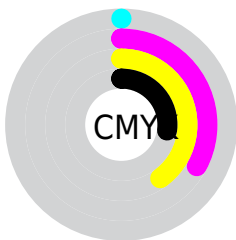
Distribution



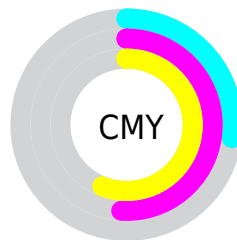
- Red (73%)
- Green (49%)
- Blue (44%)



- Red (73%)
- Yellow (50%)
- Blue (44%)



- Cyan (0%)
- Magenta (33%)
- Yellow (40%)
- Black (27%)



- Cyan (27%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4243, 0.4036, 0.3462 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 26.4243, 0.4036, 0.3462 by changing the saturation by 10% instead.


 26.4243, 0.4036,
0.3462


 26.4243, 0.4036,
0.3462


284.8588, 0.3534,
0.3384


 17.1413, 0.4178,
0.3477


 53.9587, 0.3841,
0.3437


 10.3353, 0.4372,
0.3491


 72.9788, 0.3772,
0.3426

 5.6218, 0.4649,
0.3500

 96.0135, 0.3715,
0.3417

 2.6165, 0.5071,
0.3488

 123.4472, 0.3667,
0.3409

 0.9350, 0.6300,
0.3700

155.6641, 0.3626,
0.3401

 0.0000, 1.0000,
0.0000

193.0488, 0.3591,

 0.0000, 0.0000,

0.3395

0.0000

235.9855, 0.3561,
0.3389

■ 26.4243, 0.4036,
0.3462

■ 26.4243, 0.4036,
0.3462

■ 22.3889, 0.4385,
0.3503

■ 31.1744, 0.3739,
0.3417

■ 19.0296, 0.4782,
0.3533

■ 36.6675, 0.3492,
0.3372

■ 16.3103, 0.5206,
0.3545

■ 42.9351, 0.3288,
0.3329

■ 14.1896, 0.5622,
0.3532


■ 50.0057, 0.3121,
0.3288

■ 12.6215, 0.5976,
0.3489

■ 57.9065, 0.2983,
0.3251


 11.5473, 0.6231,
0.3429

 66.6633, 0.2868,
0.3217

 11.5109, 0.6241,
0.3427

 76.3008, 0.2774,
0.3187

 86.3445, 0.2731,
0.3239

 89.3035, 0.2736,
0.3289

Harmonies

Analogous

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



26.4243, 0.3768, 0.3090



26.4243, 0.4036, 0.3462



26.4243, 0.4034, 0.3823

Triad

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



26.4243, 0.4036, 0.3462



26.4243, 0.2890, 0.3898



26.4243, 0.2481, 0.2541

Complementary

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



26.4243, 0.4036, 0.3462



37.7460, 0.2560, 0.3107

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.



26.4243, 0.2288, 0.2682



26.4243, 0.4036, 0.3462



26.4243, 0.2508, 0.3462

Square

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



26.4243, 0.4036, 0.3462



26.4243, 0.3354, 0.4130



26.4243, 0.2296, 0.3008



26.4243, 0.2848, 0.2581

Rectangle

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



26.4243, 0.4036, 0.3462



26.4243, 0.3887, 0.4015



26.4243, 0.2296, 0.3008



26.4243, 0.2395, 0.2567

Sweetspot

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



26.4256, 0.4036, 0.3462



73.8266, 0.3338, 0.3340



25.5022, 0.3295, 0.2455



15.9273, 0.3364, 0.3346



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



26.4256, 0.4036, 0.3462



41.3223, 0.4318, 0.3496



37.2769, 0.3838, 0.3948



9.7800, 0.3284, 0.3328



8.0039, 0.6224, 0.3440



0.3930, 0.5815, 0.3765

Inverse Universe

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



37.7460, 0.2560, 0.3107



64.2261, 0.2461, 0.3062



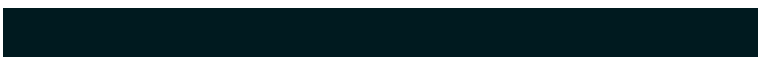
25.5313, 0.2471, 0.2524



10.5385, 0.2985, 0.3252



19.0889, 0.2103, 0.2771



0.8193, 0.2141, 0.2908

Previews

White Background



This preview shows how the Yxy color 26.4243, 0.4036, 0.3462 looks on a white background.

Color Contrast Check

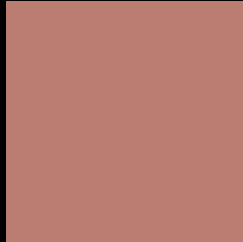
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4243, 0.4036, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

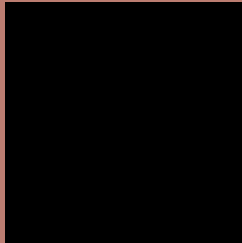
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4243, 0.4036, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 26.4243, 0.4036, 0.3462.



This preview shows how white text looks on a background with the Yxy color 26.4243, 0.4036, 0.3462.

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

26.4243, 0.4036, 0.3462

Protanopia

26.7261, 0.3411, 0.3620

Deuteranopia

26.4750, 0.3744, 0.3664



Tritanopia

26.4038, 0.3834, 0.3153

Trichromacy



Original Color

26.4243, 0.4036, 0.3462

Protanomaly

26.3173, 0.3628, 0.3558

Deuteranomaly

26.2867, 0.3848, 0.3578

Tritanomaly

26.3380, 0.3907, 0.3264

Monochromacy



Original Color

26.4243, 0.4036, 0.3462

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.5161, 0.3432, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4243, 0.4036, 0.3462 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(187, 125, 113)` looks like.

```
.text, #text, p{  
    color:rgb(187, 125, 113)  
}
```

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(187, 125, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 125, 113) }
```

Border

The CSS property to change the border of an element to Yxy 26.4243, 0.4036, 0.3462 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(187, 125, 113) }
```

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

```
.border{ border-color:rgb(187, 125, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 125, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 125, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 125, 113);  
box-shadow:4px 4px 4px 4px rgb(187, 125,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4243, 0.4036, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 125, 113) }
```

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

```
.background{ background-color: rgb(187,  
125, 113) }
```

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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