

Converting Colors

$Y_{xy}(24.7986, 0.4011, 0.3203)$

Have a look what the booklet for
Yxy(24.7986, 0.4011, 0.3203)
contains.

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Color

Yxy(24.8431, 0.4004, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	BE747A
RGB	190, 116, 122
RGB Percent	75%, 45%, 48%
CMY	0.2548, 0.5451, 0.5215
CMYK	0.00, 0.39, 0.36, 0.25
HSL	355°, 36%, 60%
HSV	355°, 39%, 75%
XYZ	30.9977, 24.8431, 21.5761
YIQ	138.8100, 42.1780, 17.5540

Conversions

Conversions Part 2

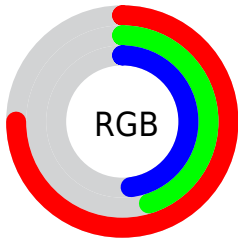
Format	Color
RYB	190, 116, 122
Decimal	12481658
CIELab	56.92, 29.85, 9.13
CIELCh	57, 31.210, 17.005
Yxy	24.8431, 0.4004, 0.3209
Android (android.graphics.Color)	4290671738 (0xFFBE747A)
YUV	138.8100, -8.2873, 44.8936
Hunter-Lab	49.8429, 23.7859, 9.2244

Details

The Yxy color **24.8431, 0.4004, 0.3209** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **44.0096, 0.2630, 0.3377**, and the grayscale version is **25.7628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3884, 0.3815, 0.3238**, and **9.4592, 0.4325, 0.3143** is the 20% darker color. If you saturate the color by 10%, you get **20.5082, 0.4363, 0.3191**, and if you desaturate by 10%, it is **30.1541, 0.3706, 0.3230**.

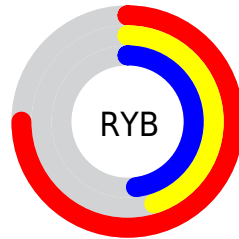
Distribution



Red (75%)

Green (45%)

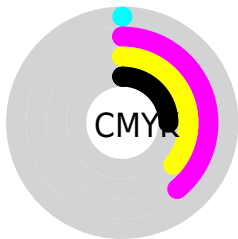
Blue (48%)



Red (75%)

Yellow (45%)

Blue (48%)

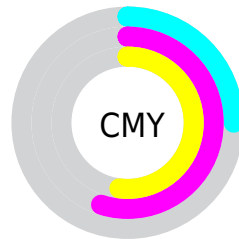


Cyan (0%)

Magenta (39%)

Yellow (36%)

Black (25%)



Cyan (25%)


Magenta (55%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8431, 0.4004, 0.3209 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 24.8431, 0.4004, 0.3209 by changing the saturation by 10% instead.


 24.8431, 0.4004,
0.3209


 24.8431, 0.4004,
0.3209


277.0557, 0.3516,
0.3265


 15.9602, 0.4145,
0.3188


 51.4026, 0.3813,
0.3234

 9.4960, 0.4338,
0.3156


 69.8479, 0.3746,
0.3242

 5.0661, 0.4620,
0.3103

 92.2496, 0.3690,
0.3248

 2.2861, 0.5063,
0.3004

118.9919, 0.3644,
0.3253

 0.7663, 0.6271,
0.2968

150.4592, 0.3605,
0.3257

 0.0000, 1.0000,
0.0000


187.0361, 0.3571,


 0.0000, 0.0000,


0.3260


0.0000

229.1067, 0.3541,
0.3263

 24.8431, 0.4004,
0.3209


 24.8431, 0.4004,
0.3209


 20.5082, 0.4363,
0.3191


 30.1541, 0.3706,
0.3230


 17.0866, 0.4779,
0.3179


 36.4918, 0.3464,
0.3252


 14.5140, 0.5231,
0.3177


 43.9076, 0.3269,
0.3272

 12.7159, 0.5674,
0.3189


 52.4484, 0.3112,
0.3292

 11.6052, 0.6046,
0.3217


 62.1583, 0.2986,
0.3310

 11.0342, 0.6294,
0.3251

 73.0791, 0.2884,
0.3326

 10.9856, 0.6314,
0.3252

 85.2506, 0.2801,
0.3341

 89.6899, 0.2752,
0.3289

Harmonies

Analogous

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



24.8431, 0.3547, 0.2829



24.8431, 0.4004, 0.3209



24.8431, 0.4201, 0.3631

Triad

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



24.8431, 0.4004, 0.3209



24.8431, 0.3182, 0.4198



24.8431, 0.2235, 0.2517

Complementary

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



24.8431, 0.4004, 0.3209



44.0096, 0.2630, 0.3377

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.



24.8431, 0.2160, 0.2804



24.8431, 0.4004, 0.3209



24.8431, 0.2677, 0.3821

Square

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



24.8431, 0.4004, 0.3209



24.8431, 0.3698, 0.4250



24.8431, 0.2312, 0.3281



24.8431, 0.2527, 0.2440

Rectangle

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



24.8431, 0.4004, 0.3209



24.8431, 0.4153, 0.3898



24.8431, 0.2312, 0.3281



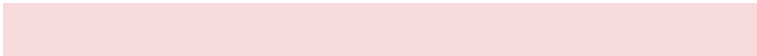
24.8431, 0.2185, 0.2589

Sweetspot

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



24.8443, 0.4004, 0.3209



74.9802, 0.3328, 0.3266



26.3798, 0.3105, 0.2322



16.0687, 0.3353, 0.3263



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



24.8443, 0.4004, 0.3209



38.0056, 0.4317, 0.3193



33.0277, 0.3915, 0.3716



9.5486, 0.3276, 0.3272



7.3079, 0.6297, 0.3242



0.2906, 0.5935, 0.3043

Inverse Universe

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



24.8443, 0.4004, 0.3209



38.0056, 0.4317, 0.3193



32.2880, 0.2523, 0.2816



9.5486, 0.3276, 0.3272



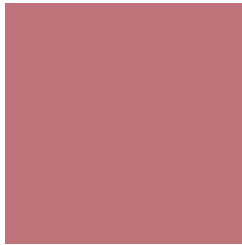
7.3079, 0.6297, 0.3242



0.2906, 0.5935, 0.3043

Previews

White Background



This preview shows how the Yxy color 24.8431, 0.4004, 0.3209 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 24.8431, 0.4004, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

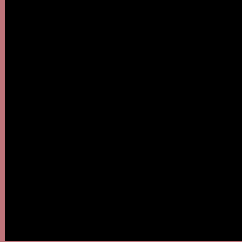
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8431, 0.4004, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 24.8431, 0.4004, 0.3209.



This preview shows how white text looks on a background with the Yxy color 24.8431, 0.4004, 0.3209.

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

24.8431, 0.4004, 0.3209

Protanopia

24.8772, 0.3203, 0.3341

Deuteranopia

25.0025, 0.3568, 0.3501



Tritanopia

24.8932, 0.3977, 0.3181

Trichromacy



Original Color

24.8431, 0.4004, 0.3209

Protanomaly

24.5546, 0.3473, 0.3291

Deuteranomaly

24.7128, 0.3726, 0.3384

Tritanomaly

24.8680, 0.3990, 0.3195

Monochromacy



Original Color

24.8431, 0.4004, 0.3209

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.1952, 0.3422, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8431, 0.4004, 0.3209 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(190, 116, 122)` looks like.

```
.text, #text, p{  
    color:rgb(190, 116, 122)  
}
```

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(190, 116, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 116, 122) }
```

Border

The CSS property to change the border of an element to Yxy 24.8431, 0.4004, 0.3209 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(190, 116, 122) }
```

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

```
.border{ border-color:rgb(190, 116, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 116, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 116, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 116, 122);  
box-shadow:4px 4px 4px 4px rgb(190, 116,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8431, 0.4004, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 116, 122) }
```

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

```
.background{ background-color: rgb(190,  
116, 122) }
```

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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