

Converting Colors

$Y_{xy}(25.3621, 0.4051, 0.3363)$

Have a look what the booklet for
Yxy(25.3621, 0.4051, 0.3363)
contains.

Yxy(25.3621, 0.4051, 0.3363)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.3621, 0.4051, 0.3363)

Conversions

Conversions Part 1

Format	Color
Hex	BC7873
RGB	188, 120, 115
RGB Percent	74%, 47%, 45%
CMY	0.2627, 0.5294, 0.5490
CMYK	0.00, 0.36, 0.39, 0.26
HSL	4°, 35%, 59%
HSV	4°, 39%, 74%
XYZ	30.5507, 25.3621, 19.5023
YIQ	139.7620, 42.1330, 12.8610

Conversions

Conversions Part 2

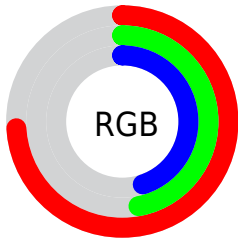
Format	Color
R_{YB}	188, 120, 115
Decimal	12351603
CIE Lab	57.43, 26.01, 13.86
CIE LCh	57, 29.471, 28.051
Yxy	25.3621, 0.4051, 0.3363
Android (android.graphics.Color)	4290541683 (0xFFBC7873)
YUV	139.7620, -12.2077, 42.3047
Hunter-Lab	50.3608, 20.1531, 12.2924

Details

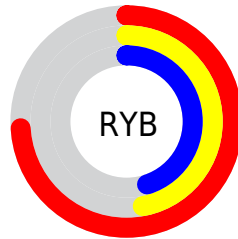
The Yxy color **25.3621, 0.4051, 0.3363** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41.1405, 0.2584, 0.3214**, and the grayscale version is **26.1649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2700, 0.3849, 0.3357**, and **9.6911, 0.4398, 0.3351** is the 20% darker color. If you saturate the color by 10%, you get **21.1400, 0.4423, 0.3380**, and if you desaturate by 10%, it is **30.4452, 0.3739, 0.3344**.

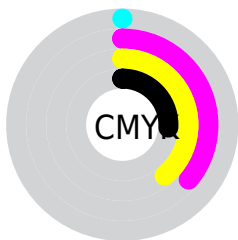
Distribution



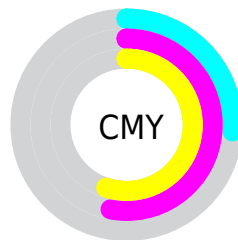
- Red (74%)
- Green (47%)
- Blue (45%)



- Red (74%)
- Yellow (47%)
- Blue (45%)



- Cyan (0%)
- Magenta (36%)
- Yellow (39%)
- Black (26%)





- Cyan (26%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.3621, 0.4051, 0.3363 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 25.3621, 0.4051, 0.3363 by changing the saturation by 10% instead.


 25.3621, 0.4051,
0.3363


 25.3621, 0.4051,
0.3363


279.6365, 0.3537,
0.3338


 16.3470, 0.4198,
0.3363


 52.2440, 0.3851,
0.3358

 9.7701, 0.4400,
0.3358


 70.8797, 0.3780,
0.3355

 5.2468, 0.4691,
0.3341

 93.4911, 0.3721,
0.3352

 2.3928, 0.5142,
0.3289

120.4624, 0.3673,
0.3348

 0.8222, 0.6544,
0.3456

152.1783, 0.3631,
0.3346

 0.0000, 1.0000,
0.0000

189.0230, 0.3595,

 0.0000, 0.0000,

0.3343

0.0000

231.3809, 0.3565,
0.3340

■ 25.3621, 0.4051,
0.3363

■ 25.3621, 0.4051,
0.3363

■ 21.1400, 0.4423,
0.3380

■ 30.4452, 0.3739,
0.3344

■ 17.7276, 0.4850,
0.3393

■ 36.4292, 0.3484,
0.3324

■ 15.0742, 0.5308,
0.3397


■ 43.3562, 0.3277,
0.3305


■ 13.1217, 0.5747,
0.3388

■ 51.2646, 0.3109,
0.3288


■ 11.8036, 0.6104,
0.3366


■ 60.1904, 0.2974,
0.3272

 11.0368, 0.6331,
0.3339

 70.1681, 0.2863,
0.3258

 10.9774, 0.6352,
0.3339

 81.2303, 0.2772,
0.3245

 89.4321, 0.2742,
0.3289

Harmonies

Analogous

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



25.3621, 0.3699, 0.2980



25.3621, 0.4051, 0.3363



25.3621, 0.4127, 0.3758

Triad

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



25.3621, 0.4051, 0.3363



25.3621, 0.2998, 0.4038



25.3621, 0.2365, 0.2512

Complementary

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



25.3621, 0.4051, 0.3363



41.1405, 0.2584, 0.3214

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.



25.3621, 0.2215, 0.2712



25.3621, 0.4051, 0.3363



25.3621, 0.2558, 0.3607

Square

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



25.3621, 0.4051, 0.3363



25.3621, 0.3496, 0.4207



25.3621, 0.2281, 0.3104



25.3621, 0.2710, 0.2507

Rectangle

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



25.3621, 0.4051, 0.3363



25.3621, 0.4013, 0.3987



25.3621, 0.2281, 0.3104



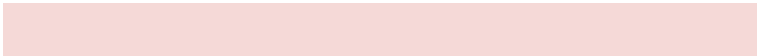
25.3621, 0.2292, 0.2556

Sweetspot

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



25.3633, 0.4051, 0.3363



74.1574, 0.3342, 0.3312



26.3765, 0.3224, 0.2400



15.5912, 0.3368, 0.3314



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.



25.3633, 0.4051, 0.3363



39.0549, 0.4381, 0.3379



35.8299, 0.3854, 0.3858



9.6387, 0.3287, 0.3306



7.5151, 0.6341, 0.3347



0.3307, 0.6126, 0.3518

Inverse Universe

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



41.1405, 0.2584, 0.3214



71.8192, 0.2485, 0.3194



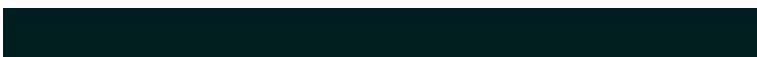
28.0285, 0.2499, 0.2641



10.6944, 0.2985, 0.3274



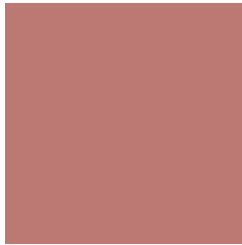
23.4177, 0.2188, 0.3077



0.9513, 0.2203, 0.3131

Previews

White Background



This preview shows how the Yxy color 25.3621, 0.4051, 0.3363 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 25.3621, 0.4051, 0.3363 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 25.3621, 0.4051, 0.3363

Background



This preview shows how black text looks on a background with the Yxy color 25.3621, 0.4051, 0.3363.



This preview shows how white text looks on a background with the Yxy color 25.3621, 0.4051, 0.3363.

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

25.3621, 0.4051, 0.3363

Protanopia

25.5615, 0.3341, 0.3525

Deuteranopia

25.5444, 0.3682, 0.3608



Tritanopia

25.3080, 0.3916, 0.3167

Trichromacy



Original Color

25.3621, 0.4051, 0.3363

Protanomaly

25.0867, 0.3585, 0.3450

Deuteranomaly

25.3112, 0.3815, 0.3505

Tritanomaly

25.4425, 0.3964, 0.3237

Monochromacy



Original Color

25.3621, 0.4051, 0.3363

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.5818, 0.3428, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3621, 0.4051, 0.3363 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(188, 120, 115)` looks like.

```
.text, #text, p{  
    color:rgb(188, 120, 115)  
}
```

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(188, 120, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 120, 115) }
```

Border

The CSS property to change the border of an element to Yxy 25.3621, 0.4051, 0.3363 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(188, 120, 115) }
```

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

```
.border{ border-color:rgb(188, 120, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 120, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 120, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 120, 115);  
box-shadow:4px 4px 4px 4px rgb(188, 120,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3621, 0.4051, 0.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 120, 115) }
```

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

```
.background{ background-color: rgb(188,  
120, 115) }
```

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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