

Converting Colors

$Y_{xy}(23.6993, 0.4146, 0.3349)$

Have a look what the booklet for
Yxy(23.6993, 0.4146, 0.3349)
contains.

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Color

Yxy(23.7252, 0.4140, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	BB726E
RGB	187, 114, 110
RGB Percent	73%, 45%, 43%
CMY	0.2666, 0.5530, 0.5686
CMYK	0.00, 0.39, 0.41, 0.27
HSL	3°, 36%, 58%
HSV	3°, 41%, 73%
XYZ	29.3289, 23.7252, 17.7886
YIQ	135.3710, 44.7920, 14.2320

Conversions

Conversions Part 2

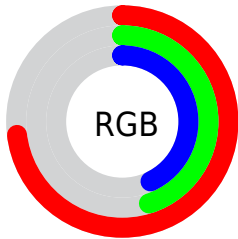
Format	Color
R _Y B	187, 114, 110
Decimal	12284526
CIE Lab	55.81, 28.34, 14.48
CIE LCh	56, 31.826, 27.061
Yxy	23.7252, 0.4140, 0.3349
Android (android.graphics.Color)	4290474606 (0xFFBB726E)
YUV	135.3710, -12.5079, 45.2786
Hunter-Lab	48.7085, 22.2403, 12.4430

Details

The Yxy color **23.7252, 0.4140, 0.3349** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **40.7854, 0.2560, 0.3229**, and the grayscale version is **24.4092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.6585, 0.3909, 0.3347**, and **8.9537, 0.4536, 0.3351** is the 20% darker color. If you saturate the color by 10%, you get **19.7409, 0.4531, 0.3362**, and if you desaturate by 10%, it is **28.5734, 0.3811, 0.3334**.

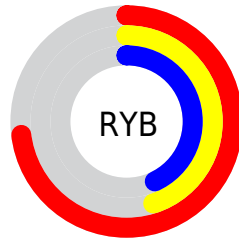
Distribution



Red (73%)

Green (45%)

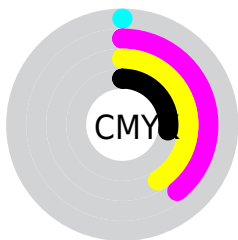
Blue (43%)



Red (73%)

Yellow (45%)

Blue (43%)

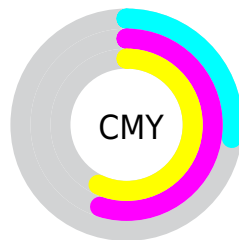


Cyan (0%)

Magenta (39%)

Yellow (41%)

Black (27%)



Cyan (27%)

Magenta (55%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.7252, 0.4140, 0.3349 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 23.7252, 0.4140, 0.3349 by changing the saturation by 10% instead.


 23.7252, 0.4140,
0.3349


 23.7252, 0.4140,
0.3349

271.4282, 0.3571,
0.3334


 15.1299, 0.4305,
0.3345


 49.5814, 0.3917,
0.3349

 8.9106, 0.4533,
0.3332

 67.6111, 0.3838,
0.3347

 4.6829, 0.4864,
0.3302


 89.5543, 0.3774,
0.3345

 2.0624, 0.5381,
0.3222

 115.7956, 0.3720,
0.3343

 0.6434, 0.6840,
0.3160

146.7192, 0.3674,
0.3340

 0.0000, 1.0000,
0.0000


182.7096, 0.3635,


 0.0000, 0.0000,


0.3338


0.0000

224.1511, 0.3601,
0.3336

 23.7252, 0.4140,
0.3349


 23.7252, 0.4140,
0.3349


 19.7409, 0.4531,
0.3362


 28.5734, 0.3811,
0.3334


 16.5666, 0.4973,
0.3370


 34.3284, 0.3541,
0.3319


 14.1476, 0.5437,
0.3371

 41.0344, 0.3322,
0.3305

 12.4214, 0.5864,
0.3361

 48.7316, 0.3146,
0.3292

 11.3150, 0.6188,
0.3342

 57.4582, 0.3003,
0.3279

■ 10.7769, 0.6364,
0.3329

■ 67.2500, 0.2887,
0.3268

■ 78.1413, 0.2793,
0.3258

■ 89.3069, 0.2736,
0.3289

Harmonies

Analogous

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



23.7252, 0.3741, 0.2935



23.7252, 0.4140, 0.3349



23.7252, 0.4232, 0.3782

Triad

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



23.7252, 0.4140, 0.3349



23.7252, 0.2998, 0.4135



23.7252, 0.2284, 0.2441

Complementary

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



23.7252, 0.4140, 0.3349



40.7854, 0.2560, 0.3229

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.



23.7252, 0.2129, 0.2662



23.7252, 0.4140, 0.3349



23.7252, 0.2513, 0.3659

Square

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



23.7252, 0.4140, 0.3349



23.7252, 0.3545, 0.4306



23.7252, 0.2206, 0.3096



23.7252, 0.2652, 0.2433

Rectangle

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



23.7252, 0.4140, 0.3349



23.7252, 0.4110, 0.4039



23.7252, 0.2206, 0.3096



23.7252, 0.2207, 0.2490

Sweetspot

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



23.7264, 0.4140, 0.3349



72.1746, 0.3342, 0.3306



25.1472, 0.3216, 0.2335



15.5313, 0.3369, 0.3308



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.



23.7264, 0.4140, 0.3349



36.2474, 0.4473, 0.3360



34.2680, 0.3913, 0.3876



9.6134, 0.3287, 0.3302



7.4568, 0.6356, 0.3335



0.3195, 0.6189, 0.3468

Inverse Universe

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



40.7854, 0.2560, 0.3229



70.7319, 0.2469, 0.3214



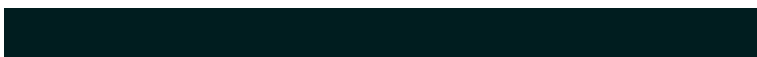
27.0526, 0.2463, 0.2615



10.7227, 0.2985, 0.3278



24.2602, 0.2203, 0.3130



0.9764, 0.2214, 0.3171

Previews

White Background



This preview shows how the Yxy color 23.7252, 0.4140, 0.3349 looks on a white background.

Color Contrast Check

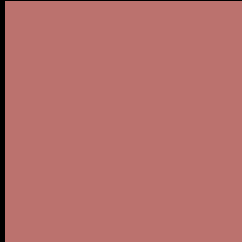
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7252, 0.4140, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

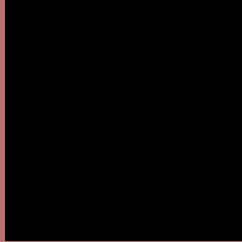
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.7252, 0.4140, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 23.7252, 0.4140, 0.3349.



This preview shows how white text looks on a background with the Yxy color 23.7252, 0.4140, 0.3349.

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

23.7252, 0.4140, 0.3349

Protanopia

23.9817, 0.3347, 0.3531

Deuteranopia

23.8300, 0.3709, 0.3651



Tritanopia

23.6602, 0.4013, 0.3167

Trichromacy



Original Color

23.7252, 0.4140, 0.3349

Protanomaly

23.6078, 0.3623, 0.3470

Deuteranomaly

23.7135, 0.3860, 0.3541

Tritanomaly

23.7860, 0.4063, 0.3237

Monochromacy



Original Color

23.7252, 0.4140, 0.3349

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.5551, 0.3465, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7252, 0.4140, 0.3349 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, 114, 110)` looks like.

```
.text, #text, p{  
    color:rgb(187, 114, 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(187, 114, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 114, 110) }
```

Border

The CSS property to change the border of an element to Yxy 23.7252, 0.4140, 0.3349 is called "border". The border property can be set on classes, ids or directly on the HTML element.

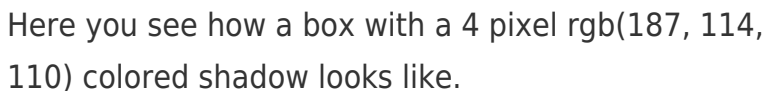
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 114, 110) }
```

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

```
.border{ border-color:rgb(187, 114, 110) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 114, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 114, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 114, 110); box-shadow:4px 4px 4px 4px rgb(187, 114, 110) }
```


Background

The CSS property to change the background color of an element to Yxy 23.7252, 0.4140, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 114, 110) }
```

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

```
.background{ background-color: rgb(187,  
114, 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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