

Converting Colors

$Y_{xy}(22.4225, 0.4236, 0.3399)$

Have a look what the booklet for
Yxy(22.4225, 0.4236, 0.3399)
contains.

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Color

Yxy(22.4454, 0.4237, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	B96E67
RGB	185, 110, 103
RGB Percent	73%, 43%, 40%
CMY	0.2744, 0.5687, 0.5960
CMYK	0.00, 0.41, 0.44, 0.27
HSL	5°, 37%, 56%
HSV	5°, 44%, 73%
XYZ	28.0369, 22.4454, 15.6893
YIQ	131.6270, 46.9470, 13.7230

Conversions

Conversions Part 2

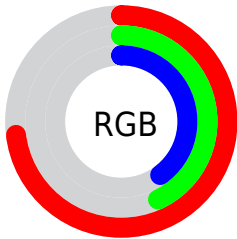
Format	Color
R_{YB}	185, 111, 103
Decimal	12152423
CIE _{Lab}	54.50, 28.97, 16.69
CIE _{LCh}	54, 33.440, 29.948
Yxy	22.4454, 0.4237, 0.3392
Android (android.graphics.Color)	4290342503 (0xFFB96E67)
YUV	131.6270, -14.1131, 46.8081
Hunter-Lab	47.3766, 22.7252, 13.5291

Details

The Yxy color **22.4454, 0.4237, 0.3392** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **38.2484, 0.2519, 0.3181**, and the grayscale version is **22.9727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.5822, 0.3984, 0.3392**, and **8.2901, 0.4674, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **18.8050, 0.4635, 0.3411**, and if you desaturate by 10%, it is **26.8681, 0.3897, 0.3369**.

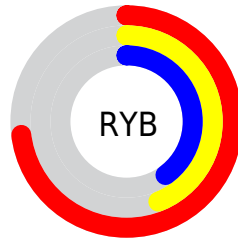
Distribution



Red (73%)

Green (43%)

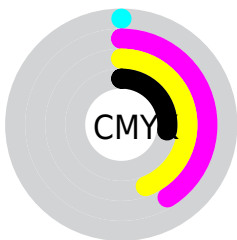
Blue (40%)



Red (73%)

Yellow (44%)

Blue (40%)

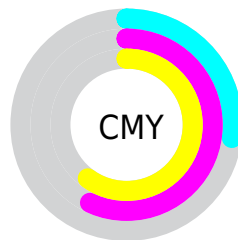


Cyan (0%)

Magenta (41%)

Yellow (44%)

Black (27%)



Cyan (27%)


Magenta (57%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.4454, 0.4237, 0.3392 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 22.4454, 0.4237, 0.3392 by changing the saturation by 10% instead.


 22.4454, 0.4237,
0.3392

 22.4454, 0.4237,
0.3392


264.8635, 0.3609,
0.3358

 14.1845, 0.4421,
0.3391


 47.4811, 0.3989,
0.3385


 8.2491, 0.4675,
0.3381


 65.0246, 0.3902,
0.3381

 4.2548, 0.5045,
0.3349

 86.4312, 0.3831,
0.3376

 1.8171, 0.5670,
0.3282

 112.0853, 0.3772,
0.3372

 0.4978, 0.7115,
0.2885

142.3711, 0.3722,
0.3368

 0.0000, 1.0000,
0.0000

177.6732, 0.3679,


 0.0000, 0.0000,


0.3364


0.0000


218.3758, 0.3642,
0.3361


 22.4454, 0.4237,
0.3392


 22.4454, 0.4237,
0.3392


 18.8050, 0.4635,
0.3411


 26.8681, 0.3897,
0.3369


 15.8981, 0.5077,
0.3421


 32.1113, 0.3615,
0.3345


 13.6758, 0.5527,
0.3419


 38.2150, 0.3384,
0.3321

 12.0818, 0.5930,
0.3400

 45.2154, 0.3197,
0.3299

 11.0508, 0.6221,
0.3366

 53.1466, 0.3045,
0.3279

 10.6806, 0.6336,
0.3351

 62.0411, 0.2921,
0.3260

 71.9297, 0.2819,
0.3243

 82.8419, 0.2736,
0.3228

 89.0576, 0.2726,
0.3289

Harmonies

Analogous

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



22.4454, 0.3835, 0.2950



22.4454, 0.4237, 0.3392



22.4454, 0.4297, 0.3849

Triad

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



22.4454, 0.4237, 0.3392



22.4454, 0.2931, 0.4163



22.4454, 0.2258, 0.2377

Complementary

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



22.4454, 0.4237, 0.3392



38.2484, 0.2519, 0.3181

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.



22.4454, 0.2073, 0.2585



22.4454, 0.4237, 0.3392



22.4454, 0.2429, 0.3626

Square

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



22.4454, 0.4237, 0.3392



22.4454, 0.3514, 0.4380



22.4454, 0.2129, 0.3025



22.4454, 0.2667, 0.2390

Rectangle

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



22.4454, 0.4237, 0.3392



22.4454, 0.4144, 0.4118



22.4454, 0.2129, 0.3025



22.4454, 0.2170, 0.2420

Sweetspot

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



22.4465, 0.4237, 0.3392



69.7365, 0.3361, 0.3319



23.2423, 0.3255, 0.2298



14.4785, 0.3407, 0.3324



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.



22.4465, 0.4237, 0.3392



33.9396, 0.4615, 0.3410



33.3832, 0.3970, 0.3955



9.1318, 0.3286, 0.3310



7.3170, 0.6324, 0.3360



0.2994, 0.6050, 0.3578

Inverse Universe

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



38.2484, 0.2519, 0.3181



65.7402, 0.2420, 0.3154



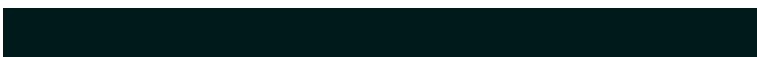
24.3318, 0.2404, 0.2507



10.0764, 0.2985, 0.3270



21.8253, 0.2174, 0.3025



0.8081, 0.2194, 0.3099

Previews

White Background



This preview shows how the Yxy color 22.4454, 0.4237, 0.3392 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 22.4454, 0.4237, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

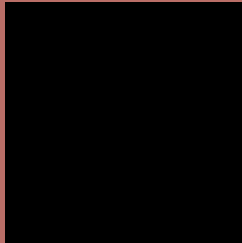
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.4454, 0.4237, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 22.4454, 0.4237, 0.3392.



This preview shows how white text looks on a background with the Yxy color 22.4454, 0.4237, 0.3392.

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

22.4454, 0.4237, 0.3392

Protanopia

22.4759, 0.3400, 0.3591

Deuteranopia

22.4574, 0.3789, 0.3706



Tritanopia

22.4252, 0.4079, 0.3180

Trichromacy



Original Color

22.4454, 0.4237, 0.3392

Protanomaly

22.1401, 0.3688, 0.3524

Deuteranomaly

22.3719, 0.3947, 0.3592

Tritanomaly

22.5241, 0.4144, 0.3265

Monochromacy



Original Color

22.4454, 0.4237, 0.3392

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.3751, 0.3497, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.4454, 0.4237, 0.3392 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(185, 110, 103)` looks like.

```
.text, #text, p{  
    color:rgb(185, 110, 103)  
}
```

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(185, 110, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 110, 103) }
```

Border

The CSS property to change the border of an element to Yxy 22.4454, 0.4237, 0.3392 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(185, 110, 103) }
```

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

```
.border{ border-color:rgb(185, 110, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 110, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 110, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 110, 103);  
box-shadow:4px 4px 4px 4px rgb(185, 110,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 22.4454, 0.4237, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 110, 103) }
```

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

```
.background{ background-color: rgb(185,  
110, 103) }
```

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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