

Converting Colors

$Y_{xy}(22.6382, 0.4375, 0.3419)$

Have a look what the booklet for
Yxy(22.6382, 0.4375, 0.3419)
contains.

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Color

Yxy(22.5731, 0.4367, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	BE6C63
RGB	190, 108, 99
RGB Percent	75%, 42%, 39%
CMY	0.2549, 0.5764, 0.6118
CMYK	0.00, 0.43, 0.48, 0.25
HSL	6°, 41%, 57%
HSV	6°, 48%, 75%
XYZ	28.8489, 22.5731, 14.6392
YIQ	131.4920, 51.7610, 14.5850

Conversions

Conversions Part 2

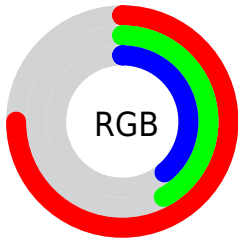
Format	Color
RYB	190, 109, 99
Decimal	12479587
CIELab	54.63, 31.58, 19.32
CIELCh	55, 37.022, 31.452
Yxy	22.5731, 0.4367, 0.3417
Android (android.graphics.Color)	4290669667 (0xFFBE6C63)
YUV	131.4920, -16.0186, 51.3115
Hunter-Lab	47.5112, 25.2412, 14.9894

Details

The Yxy color **22.5731, 0.4367, 0.3417** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.4101, 0.2476, 0.3151**, and the grayscale version is **22.9275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.8315, 0.4088, 0.3411**, and **8.2606, 0.4861, 0.3401** is the 20% darker color. If you saturate the color by 10%, you get **18.9892, 0.4780, 0.3436**, and if you desaturate by 10%, it is **26.9536, 0.4008, 0.3392**.

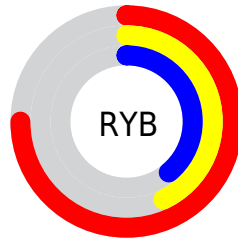
Distribution



Red (75%)

Green (42%)

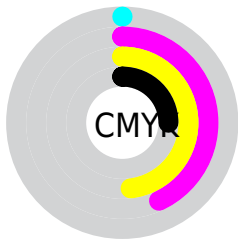
Blue (39%)



Red (75%)

Yellow (43%)

Blue (39%)

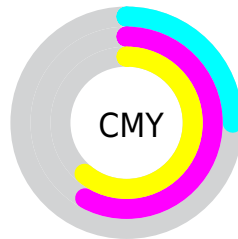


Cyan (0%)

Magenta (43%)

Yellow (48%)

Black (25%)



Cyan (25%)


Magenta (58%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.5731, 0.4367, 0.3417 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 22.5731, 0.4367, 0.3417 by changing the saturation by 10% instead.


 22.5731, 0.4367,
0.3417


 22.5731, 0.4367,
0.3417


265.5247, 0.3667,
0.3375


 14.2786, 0.4571,
0.3415


 47.6914, 0.4092,
0.3409

 8.3147, 0.4850,
0.3402


 65.2840, 0.3995,
0.3404

 4.2970, 0.5251,
0.3360

 86.7448, 0.3915,
0.3398

 1.8410, 0.5963,
0.3297

 112.4581, 0.3849,
0.3393

 0.5126, 0.7219,
0.2781

142.8083, 0.3793,
0.3388

 0.0000, 1.0000,
0.0000

178.1799, 0.3745,

 0.0000, 0.0000,

0.3383

0.0000

218.9572, 0.3703,
0.3379

■ 22.5731, 0.4367,
0.3417

■ 22.5731, 0.4367,
0.3417

■ 18.9892, 0.4780,
0.3436

■ 26.9536, 0.4008,
0.3392

■ 16.1508, 0.5226,
0.3444

■ 32.1711, 0.3708,
0.3364

■ 14.0061, 0.5664,
0.3435


■ 38.2673, 0.3461,
0.3336


■ 12.4951, 0.6033,
0.3406

■ 45.2801, 0.3259,
0.3310

■ 11.5454, 0.6282,
0.3366


■ 53.2453, 0.3095,
0.3285

 11.4063, 0.6324,
0.3361

 62.1966, 0.2962,
0.3263

 72.1662, 0.2853,
0.3242

 83.1848, 0.2763,
0.3224

 89.6866, 0.2752,
0.3289

Harmonies

Analogous

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



22.5731, 0.3938, 0.2937



22.5731, 0.4367, 0.3417



22.5731, 0.4408, 0.3914

Triad

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



22.5731, 0.4367, 0.3417



22.5731, 0.2873, 0.4242



22.5731, 0.2194, 0.2287

Complementary

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



22.5731, 0.4367, 0.3417



39.4101, 0.2476, 0.3151

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.



22.5731, 0.1981, 0.2494



22.5731, 0.4367, 0.3417



22.5731, 0.2336, 0.3625

Square

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



22.5731, 0.4367, 0.3417



22.5731, 0.3512, 0.4498



22.5731, 0.2026, 0.2960



22.5731, 0.2647, 0.2316

Rectangle

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



22.5731, 0.4367, 0.3417



22.5731, 0.4222, 0.4210



22.5731, 0.2026, 0.2960



22.5731, 0.2095, 0.2328

Sweetspot

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



22.5742, 0.4367, 0.3417



73.8171, 0.3382, 0.3326



23.2636, 0.3267, 0.2224



15.6193, 0.3428, 0.3332



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.



22.5742, 0.4367, 0.3417



34.3976, 0.4781, 0.3436



34.3293, 0.4054, 0.4008



9.6843, 0.3286, 0.3313



7.6399, 0.6311, 0.3371



0.3509, 0.6018, 0.3604

Inverse Universe

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



39.4101, 0.2476, 0.3151



68.3188, 0.2377, 0.3118



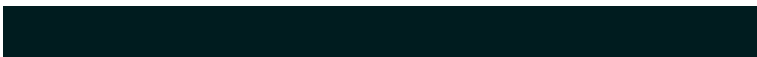
24.2360, 0.2343, 0.2429



10.6436, 0.2985, 0.3267



21.9490, 0.2161, 0.2980



0.9070, 0.2183, 0.3060

Previews

White Background



This preview shows how the Yxy color 22.5731, 0.4367, 0.3417 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 22.5731, 0.4367, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

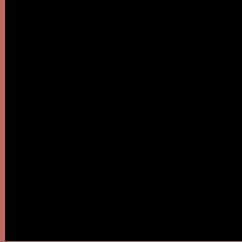
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.5731, 0.4367, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 22.5731, 0.4367, 0.3417.



This preview shows how white text looks on a background with the Yxy color 22.5731, 0.4367, 0.3417.

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

22.5731, 0.4367, 0.3417

Protanopia

22.7617, 0.3443, 0.3660

Deuteranopia

22.7348, 0.3844, 0.3785



Tritanopia

22.5993, 0.4180, 0.3183

Trichromacy



Original Color

22.5731, 0.4367, 0.3417

Protanomaly

22.3746, 0.3764, 0.3570

Deuteranomaly

22.3815, 0.4043, 0.3633

Tritanomaly

22.6959, 0.4246, 0.3266

Monochromacy



Original Color

22.5731, 0.4367, 0.3417

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.1732, 0.3538, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5731, 0.4367, 0.3417 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, 108, 99)` looks like.

```
.text, #text, p{  
    color:rgb(190, 108, 99)  
}
```

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, 108, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 108, 99) }
```

Border

The CSS property to change the border of an element to Yxy 22.5731, 0.4367, 0.3417 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, 108, 99) }
```

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

```
.border{ border-color:rgb(190, 108, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 108, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 108, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 108, 99);  
box-shadow:4px 4px 4px 4px rgb(190, 108,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5731, 0.4367, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 108, 99) }
```

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

```
.background{ background-color: rgb(190,  
108, 99) }
```

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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