

Converting Colors

$Y_{xy}(22.4634, 0.4263, 0.3414)$

Have a look what the booklet for
Yxy(22.4634, 0.4263, 0.3414)
contains.

Yxy(22.4057, 0.4264, 0.3421)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.4057, 0.4264, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	B96E65
RGB	185, 110, 101
RGB Percent	73%, 43%, 40%
CMY	0.2746, 0.5685, 0.6040
CMYK	0.00, 0.41, 0.45, 0.27
HSL	6°, 37%, 56%
HSV	6°, 45%, 73%
XYZ	27.9269, 22.4057, 15.1620
YIQ	131.3990, 47.5890, 13.1010

Conversions

Conversions Part 2

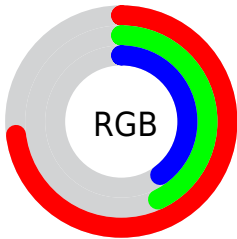
Format	Color
R _Y B	185, 111, 101
Decimal	12152421
CIE Lab	54.45, 28.72, 17.81
CIE LCh	54, 33.792, 31.805
Yxy	22.4057, 0.4264, 0.3421
Android (android.graphics.Color)	4290342501 (0xFFB96E65)
YUV	131.3990, -14.9867, 47.0081
Hunter-Lab	47.3347, 22.4773, 14.1428

Details

The Yxy color **22.4057, 0.4264, 0.3421** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.2943, 0.2502, 0.3149**, and the grayscale version is **22.8900, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.5161, 0.4004, 0.3414**, and **8.2710, 0.4716, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **18.8468, 0.4660, 0.3444**, and if you desaturate by 10%, it is **26.7120, 0.3923, 0.3393**.

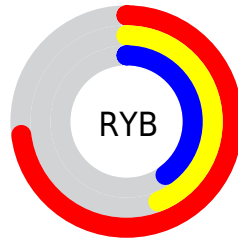
Distribution



Red (73%)

Green (43%)

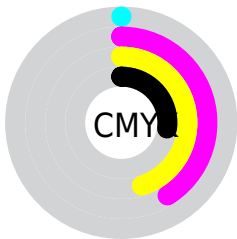
Blue (40%)



Red (73%)

Yellow (44%)

Blue (40%)

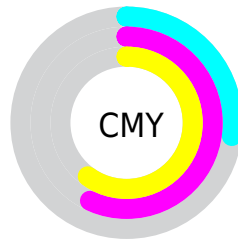


Cyan (0%)

Magenta (41%)

Yellow (45%)

Black (27%)



Cyan (27%)

Magenta (57%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.4057, 0.4264, 0.3421 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 22.4057, 0.4264, 0.3421 by changing the saturation by 10% instead.


 22.4057, 0.4264,
0.3421


 22.4057, 0.4264,
0.3421

264.6577, 0.3621,
0.3372


 14.1553, 0.4452,
0.3423


 47.4156, 0.4011,
0.3409


 8.2288, 0.4712,
0.3417


 64.9439, 0.3921,
0.3403

 4.2417, 0.5088,
0.3388

 86.3337, 0.3849,
0.3397

 1.8097, 0.5744,
0.3338

 111.9693, 0.3788,
0.3391

 0.4932, 0.7112,
0.2888

142.2350, 0.3736,
0.3385

 0.0000, 1.0000,
0.0000

177.5154, 0.3692,

 0.0000, 0.0000,


0.3381


0.0000


218.1949, 0.3654,
0.3376


 22.4057, 0.4264,
0.3421

 22.4057, 0.4264,
0.3421


 18.8468, 0.4660,
0.3444


 26.7120, 0.3923,
0.3393


 15.9896, 0.5097,
0.3456


 31.8016, 0.3639,
0.3362

 13.7883, 0.5539,
0.3452

 37.7117, 0.3405,
0.3333

 12.1906, 0.5932,
0.3427


 44.4766, 0.3215,
0.3304

 11.1356, 0.6216,
0.3385

 52.1284, 0.3060,
0.3278

 10.8073, 0.6313,
0.3369

 60.6975, 0.2933,
0.3255

 70.2130, 0.2829,
0.3233

 80.7026, 0.2743,
0.3214

 89.0507, 0.2726,
0.3289

Harmonies

Analogous

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



22.4057, 0.3876, 0.2972



22.4057, 0.4264, 0.3421



22.4057, 0.4302, 0.3881

Triad

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



22.4057, 0.4264, 0.3421



22.4057, 0.2893, 0.4148



22.4057, 0.2269, 0.2362

Complementary

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



22.4057, 0.4264, 0.3421



37.2943, 0.2502, 0.3149

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.



22.4057, 0.2067, 0.2557



22.4057, 0.4264, 0.3421



22.4057, 0.2396, 0.3591

Square

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



22.4057, 0.4264, 0.3421



22.4057, 0.3481, 0.4391



22.4057, 0.2108, 0.2988



22.4057, 0.2694, 0.2389

Rectangle

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



22.4057, 0.4264, 0.3421



22.4057, 0.4133, 0.4148



22.4057, 0.2108, 0.2988



22.4057, 0.2175, 0.2401

Sweetspot

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



22.4068, 0.4264, 0.3421



68.9064, 0.3381, 0.3329



22.7735, 0.3275, 0.2292



14.3297, 0.3426, 0.3335



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.



22.4068, 0.4264, 0.3421



34.0656, 0.4638, 0.3443



33.5054, 0.3986, 0.3989



9.1636, 0.3285, 0.3315



7.4157, 0.6299, 0.3380



0.3131, 0.5969, 0.3643

Inverse Universe

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



37.2943, 0.2502, 0.3149



63.8777, 0.2403, 0.3115



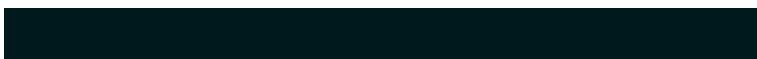
23.4794, 0.2382, 0.2461



10.0412, 0.2985, 0.3265



20.7983, 0.2154, 0.2953



0.7808, 0.2180, 0.3047

Previews

White Background



This preview shows how the Yxy color 22.4057, 0.4264, 0.3421 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 22.4057, 0.4264, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

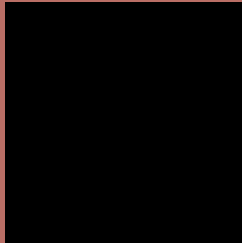
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.4057, 0.4264, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 22.4057, 0.4264, 0.3421.



This preview shows how white text looks on a background with the Yxy color 22.4057, 0.4264, 0.3421.

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

22.4057, 0.4264, 0.3421

Protanopia

22.5162, 0.3435, 0.3625

Deuteranopia

22.4191, 0.3813, 0.3739



Tritanopia

22.4252, 0.4079, 0.3180

Trichromacy



Original Color

22.4057, 0.4264, 0.3421

Protanomaly

22.1960, 0.3726, 0.3556

Deuteranomaly

22.3331, 0.3972, 0.3623

Tritanomaly

22.5241, 0.4144, 0.3265

Monochromacy



Original Color

22.4057, 0.4264, 0.3421

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.1013, 0.3513, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.4057, 0.4264, 0.3421 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(185, 110, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 110, 101) }
```

Border

The CSS property to change the border of an element to Yxy 22.4057, 0.4264, 0.3421 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, 101) }
```

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

```
.border{ border-color:rgb(185, 110, 101) }
```

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, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 110, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 110, 101);  
box-shadow:4px 4px 4px 4px rgb(185, 110,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 22.4057, 0.4264, 0.3421 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, 101) }
```

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

```
.background{ background-color: rgb(185,  
110, 101) }
```

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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