

Converting Colors

$Y_{xy}(24.4732, 0.4475, 0.3393)$

Have a look what the booklet for
Yxy(24.4732, 0.4475, 0.3393)
contains.

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Color

Yxy(24.4334, 0.4472, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	CA6D65
RGB	202, 109, 101
RGB Percent	79%, 43%, 40%
CMY	0.2079, 0.5725, 0.6038
CMYK	0.00, 0.46, 0.50, 0.21
HSL	5°, 49%, 59%
HSV	5°, 50%, 79%
XYZ	32.1750, 24.4334, 15.3392
YIQ	135.8950, 57.9960, 17.2280

Conversions

Conversions Part 2

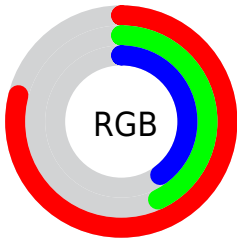
Format	Color
R_{YB}	202, 110, 101
Decimal	13266277
CIE Lab	56.52, 35.89, 20.97
CIE LCh	57, 41.562, 30.296
Yxy	24.4334, 0.4472, 0.3396
Android (android.graphics.Color)	4291456357 (0xFFCA6D65)
YUV	135.8950, -17.2032, 57.9741
Hunter-Lab	49.4302, 29.6860, 16.2022

Details

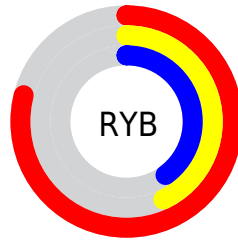
The Yxy color **24.4334, 0.4472, 0.3396** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **45.6238, 0.2457, 0.3173**, and the grayscale version is **24.6301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3677, 0.4118, 0.3398**, and **9.3236, 0.4971, 0.3376** is the 20% darker color. If you saturate the color by 10%, you get **20.5279, 0.4904, 0.3409**, and if you desaturate by 10%, it is **29.2787, 0.4093, 0.3377**.

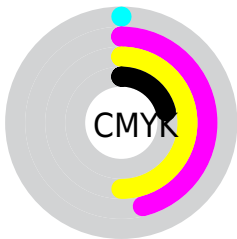
Distribution



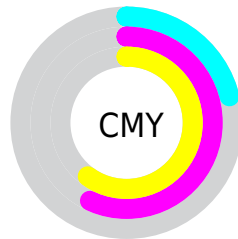
- Red (79%)
- Green (43%)
- Blue (40%)



- Red (79%)
- Yellow (43%)
- Blue (40%)



- Cyan (0%)
- Magenta (46%)
- Yellow (50%)
- Black (21%)



- Cyan (21%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4334, 0.4472, 0.3396 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 24.4334, 0.4472, 0.3396 by changing the saturation by 10% instead.


 24.4334, 0.4472,
0.3396


 24.4334, 0.4472,
0.3396


275.0043, 0.3722,
0.3371


 15.6554, 0.4685,
0.3387


 50.7365, 0.4180,
0.3396


 9.2807, 0.4973,
0.3365


 69.0305, 0.4077,
0.3393

 4.9247, 0.5379,
0.3310

 91.2652, 0.3991,
0.3390

 2.2031, 0.6033,
0.3203

 117.8251, 0.3920,
0.3386

 0.7217, 0.7123,
0.2877

149.0946, 0.3859,
0.3382

 0.0000, 1.0000,
0.0000

185.4580, 0.3807,

 0.0000, 0.0000,

0.3378

0.0000

227.2998, 0.3762,
0.3375

■ 24.4334, 0.4472,
0.3396

■ 24.4334, 0.4472,
0.3396

■ 20.5279, 0.4904,
0.3409

■ 29.2787, 0.4093,
0.3377

■ 17.4977, 0.5361,
0.3412

■ 35.1153, 0.3774,
0.3354

■ 15.2762, 0.5793,
0.3400


■ 41.9955, 0.3512,
0.3332


■ 13.7855, 0.6135,
0.3373

■ 49.9667, 0.3299,
0.3310


■ 12.9263, 0.6346,
0.3343

■ 59.0736, 0.3127,
0.3290

 12.9254, 0.6347,
0.3343

 69.3582, 0.2987,
0.3272

 80.8604, 0.2873,
0.3255

 91.2959, 0.2816,
0.3289

Harmonies

Analogous

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



24.4334, 0.3989, 0.2886



24.4334, 0.4472, 0.3396



24.4334, 0.4526, 0.3933

Triad

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



24.4334, 0.4472, 0.3396



24.4334, 0.2869, 0.4362



24.4334, 0.2103, 0.2209

Complementary

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



24.4334, 0.4472, 0.3396



45.6238, 0.2457, 0.3173

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.



24.4334, 0.1887, 0.2436



24.4334, 0.4472, 0.3396



24.4334, 0.2283, 0.3685

Square

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



24.4334, 0.4472, 0.3396



24.4334, 0.3562, 0.4616



24.4334, 0.1943, 0.2947



24.4334, 0.2580, 0.2234

Rectangle

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



24.4334, 0.4472, 0.3396



24.4334, 0.4329, 0.4261



24.4334, 0.1943, 0.2947



24.4334, 0.2002, 0.2254

Sweetspot

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



24.4347, 0.4472, 0.3396



77.3237, 0.3405, 0.3321



25.8209, 0.3256, 0.2162



15.9443, 0.3451, 0.3326



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.4347, 0.4472, 0.3396



34.2741, 0.4941, 0.3410



38.0328, 0.4119, 0.4020



11.3537, 0.3288, 0.3309



8.3703, 0.6335, 0.3352



0.4824, 0.6130, 0.3515

Inverse Universe

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



45.6238, 0.2457, 0.3173



74.0925, 0.2358, 0.3144



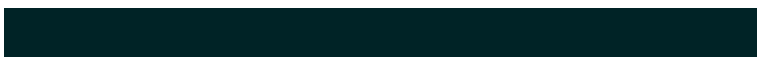
27.2162, 0.2310, 0.2407



12.5694, 0.2984, 0.3271



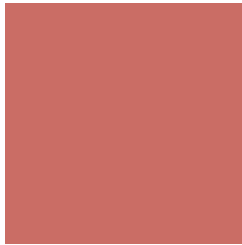
25.4131, 0.2179, 0.3043



1.3571, 0.2193, 0.3095

Previews

White Background



This preview shows how the Yxy color 24.4334, 0.4472, 0.3396 looks on a white background.

Color Contrast Check

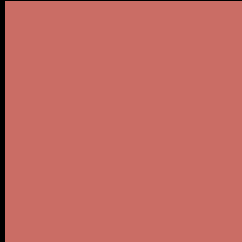
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4334, 0.4472, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

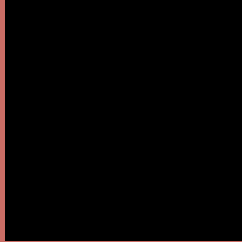
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4334, 0.4472, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 24.4334, 0.4472, 0.3396.



This preview shows how white text looks on a background with the Yxy color 24.4334, 0.4472, 0.3396.

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

24.4334, 0.4472, 0.3396

Protanopia

24.7299, 0.3466, 0.3681

Deuteranopia

24.5097, 0.3896, 0.3814



Tritanopia

24.4497, 0.4304, 0.3191

Trichromacy



Original Color

24.4334, 0.4472, 0.3396

Protanomaly

24.0252, 0.3812, 0.3559

Deuteranomaly

24.1480, 0.4122, 0.3647

Tritanomaly

24.5474, 0.4367, 0.3268

Monochromacy



Original Color

24.4334, 0.4472, 0.3396

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.8254, 0.3579, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4334, 0.4472, 0.3396 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(202, 109, 101)` looks like.

```
.text, #text, p{  
    color:rgb(202, 109, 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(202, 109, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 109, 101) }
```

Border

The CSS property to change the border of an element to Yxy 24.4334, 0.4472, 0.3396 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(202, 109, 101) }
```

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

```
.border{ border-color:rgb(202, 109, 101) }
```

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

Here you see how a box with a 4 pixel rgb(202, 109, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 109, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 109, 101);  
box-shadow:4px 4px 4px 4px rgb(202, 109,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4334, 0.4472, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 109, 101) }
```

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

```
.background{ background-color: rgb(202,  
109, 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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