

Converting Colors

$Y_{xy}(27.1454, 0.4407, 0.3522)$

Have a look what the booklet for
Yxy(27.1454, 0.4407, 0.3522)
contains.

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Color

Yxy(27.2296, 0.4402, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	CC7866
RGB	204, 120, 102
RGB Percent	80%, 47%, 40%
CMY	0.2000, 0.5294, 0.6001
CMYK	0.00, 0.41, 0.50, 0.20
HSL	11°, 50%, 60%
HSV	11°, 50%, 80%
XYZ	34.0138, 27.2296, 16.0256
YIQ	143.0640, 55.8420, 12.2100

Conversions

Conversions Part 2

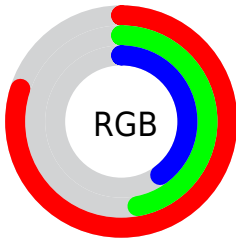
Format	Color
R _Y B	204, 124, 102
Decimal	13400166
CIE Lab	59.19, 30.91, 24.04
CIE LCh	59, 39.152, 37.872
Yxy	27.2296, 0.4402, 0.3524
Android (android.graphics.Color)	4291590246 (0xFFCC7866)
YUV	143.0640, -20.2446, 53.4409
Hunter-Lab	52.1820, 25.0333, 18.3189

Details

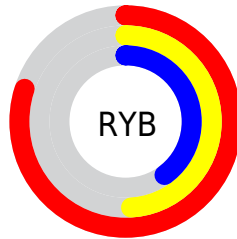
The Yxy color **27.2296, 0.4402, 0.3524** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **42.2791, 0.2428, 0.3027**, and the grayscale version is **27.5610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4470, 0.4059, 0.3503**, and **10.7671, 0.4844, 0.3540** is the 20% darker color. If you saturate the color by 10%, you get **23.1835, 0.4798, 0.3557**, and if you desaturate by 10%, it is **32.0863, 0.4051, 0.3480**.

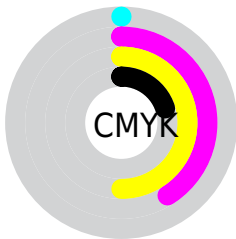
Distribution



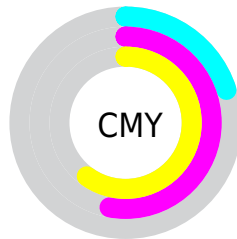
- Red (80%)
- Green (47%)
- Blue (40%)



- Red (80%)
- Yellow (49%)
- Blue (40%)



- Cyan (0%)
- Magenta (41%)
- Yellow (50%)
- Black (20%)





- Cyan (20%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.2296, 0.4402, 0.3524 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 27.2296, 0.4402, 0.3524 by changing the saturation by 10% instead.


 27.2296, 0.4402,
0.3524


 27.2296, 0.4402,
0.3524


288.7671, 0.3703,
0.3430


 17.7457, 0.4595,
0.3535


 55.2521, 0.4134,
0.3498


 10.7676, 0.4852,
0.3539


 74.5595, 0.4037,
0.3485

 5.9108, 0.5209,
0.3523


 97.9102, 0.3958,
0.3474

 2.7909, 0.5748,
0.3467

 125.6886, 0.3890,
0.3463

 1.0236, 0.6684,
0.3316

158.2791, 0.3833,
0.3454

 0.0000, 1.0000,
0.0000


196.0661, 0.3784,

 0.0000, 0.0000,


0.3445

0.0000


239.4339, 0.3741,
0.3437


 27.2296, 0.4402,
0.3524


 27.2296, 0.4402,
0.3524


 23.1835, 0.4798,
0.3557


 32.0863, 0.4051,
0.3480

 19.8994, 0.5221,
0.3569


 37.7905, 0.3753,
0.3431

 17.3299, 0.5631,
0.3554

 44.3817, 0.3503,
0.3382

 15.4203, 0.5978,
0.3506

 51.8957, 0.3297,
0.3334

 14.1026, 0.6226,
0.3439

 60.3664, 0.3127,
0.3290

■ 69.8258, 0.2987,
0.3249

■ 80.3045, 0.2871,
0.3212

■ 91.1599, 0.2827,
0.3282

■ 91.5763, 0.2827,
0.3289

Harmonies

Analogous

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



27.2296, 0.4051, 0.3036



27.2296, 0.4402, 0.3524



27.2296, 0.4357, 0.4011

Triad

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



27.2296, 0.4402, 0.3524



27.2296, 0.2747, 0.4126



27.2296, 0.2276, 0.2280

Complementary

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



27.2296, 0.4402, 0.3524



42.2791, 0.2428, 0.3027

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.



27.2296, 0.2012, 0.2434



27.2296, 0.4402, 0.3524



27.2296, 0.2253, 0.3475

Square

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



27.2296, 0.4402, 0.3524



27.2296, 0.3375, 0.4474



27.2296, 0.2001, 0.2843



27.2296, 0.2774, 0.2355

Rectangle

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



27.2296, 0.4402, 0.3524



27.2296, 0.4128, 0.4285



27.2296, 0.2001, 0.2843



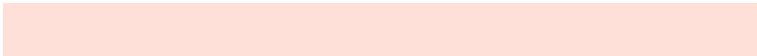
27.2296, 0.2161, 0.2304

Sweetspot

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



27.2310, 0.4402, 0.3524



79.3074, 0.3399, 0.3359



25.9206, 0.3372, 0.2264



16.4152, 0.3444, 0.3369



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.



27.2310, 0.4402, 0.3524



37.9349, 0.4830, 0.3558



42.5388, 0.4054, 0.4139



11.5291, 0.3286, 0.3332



8.9741, 0.6206, 0.3455



0.5637, 0.5849, 0.3738

Inverse Universe

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



42.2791, 0.2428, 0.3027



65.5000, 0.2316, 0.2960



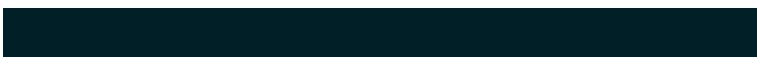
24.7844, 0.2278, 0.2242



12.3764, 0.2983, 0.3248



20.4759, 0.2089, 0.2720



1.1471, 0.2123, 0.2843

Previews

White Background



This preview shows how the Yxy color 27.2296, 0.4402, 0.3524 looks on a white background.

Color Contrast Check

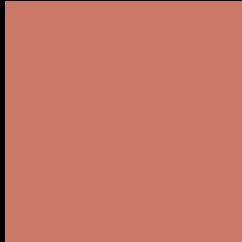
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2296, 0.4402, 0.3524 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 27.2296, 0.4402, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 27.2296, 0.4402, 0.3524.



This preview shows how white text looks on a background with the Yxy color 27.2296, 0.4402, 0.3524.

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

27.2296, 0.4402, 0.3524

Protanopia

27.4902, 0.3546, 0.3793

Deuteranopia

27.4501, 0.3939, 0.3862



Tritanopia

27.3251, 0.4147, 0.3190

Trichromacy



Original Color

27.2296, 0.4402, 0.3524

Protanomaly

27.0686, 0.3850, 0.3700

Deuteranomaly

27.2200, 0.4108, 0.3734

Tritanomaly

27.2204, 0.4235, 0.3306

Monochromacy



Original Color

27.2296, 0.4402, 0.3524

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.8858, 0.3550, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2296, 0.4402, 0.3524 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(204, 120, 102)` looks like.

```
.text, #text, p{  
    color:rgb(204, 120, 102)  
}
```

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(204, 120, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 120, 102) }
```

Border

The CSS property to change the border of an element to Yxy 27.2296, 0.4402, 0.3524 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(204, 120, 102) }
```

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

```
.border{ border-color:rgb(204, 120, 102) }
```

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

Here you see how a box with a 4 pixel rgb(204, 120, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 120, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 120, 102);  
box-shadow:4px 4px 4px 4px rgb(204, 120,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2296, 0.4402, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 120, 102) }
```

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

```
.background{ background-color: rgb(204,  
120, 102) }
```

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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