

Converting Colors

$Yxy(26.9355, 0.4366, 0.3468)$

Have a look what the booklet for
Yxy(26.9355, 0.4366, 0.3468)
contains.

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Color

Yxy(27.0509, 0.4371, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	CC7769
RGB	204, 119, 105
RGB Percent	80%, 47%, 41%
CMY	0.2001, 0.5333, 0.5882
CMYK	0.00, 0.42, 0.49, 0.20
HSL	8°, 49%, 61%
HSV	8°, 49%, 80%
XYZ	34.0453, 27.0509, 16.7929
YIQ	142.8190, 55.1540, 13.6660

Conversions

Conversions Part 2

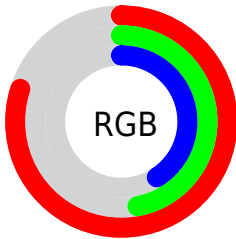
Format	Color
RYB	204, 121, 105
Decimal	13399913
CIELab	59.02, 31.73, 22.09
CIElCh	59, 38.660, 34.851
Yxy	27.0509, 0.4371, 0.3473
Android (android.graphics.Color)	4291589993 (0xFFCC7769)
YUV	142.8190, -18.6448, 53.6557
Hunter-Lab	52.0105, 25.8253, 17.2641

Details

The Yxy color **27.0509, 0.4371, 0.3473** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **44.1784, 0.2455, 0.3087**, and the grayscale version is **27.4528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1653, 0.4036, 0.3461**, and **10.6727, 0.4803, 0.3476** is the 20% darker color. If you saturate the color by 10%, you get **22.8902, 0.4774, 0.3500**, and if you desaturate by 10%, it is **32.0829, 0.4018, 0.3437**.

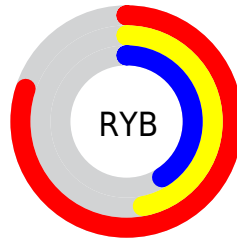
Distribution



Red (80%)

Green (47%)

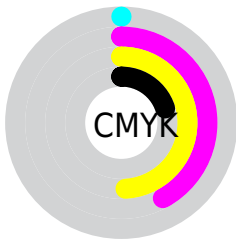
Blue (41%)



Red (80%)

Yellow (47%)

Blue (41%)

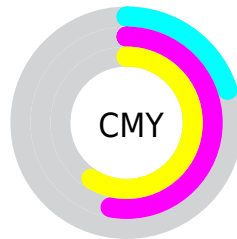


Cyan (0%)

Magenta (42%)

Yellow (49%)

Black (20%)



Cyan (20%)


Magenta (53%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0509, 0.4371, 0.3473 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 27.0509, 0.4371, 0.3473 by changing the saturation by 10% instead.


 27.0509, 0.4371,
0.3473


 27.0509, 0.4371,
0.3473


287.9035, 0.3688,
0.3404


 17.6115, 0.4561,
0.3478


 54.9655, 0.4108,
0.3455


 10.6714, 0.4815,
0.3476


 74.2095, 0.4014,
0.3446

 5.8463, 0.5170,
0.3453

 97.4905, 0.3936,
0.3438

 2.7519, 0.5698,
0.3382

 125.1928, 0.3870,
0.3430

 1.0036, 0.6732,
0.3268

157.7008, 0.3814,
0.3422

 0.0000, 1.0000,
0.0000

195.3990, 0.3766,


 0.0000, 0.0000,


0.3416


0.0000

238.6718, 0.3725,
0.3410

 27.0509, 0.4371,
0.3473


 27.0509, 0.4371,
0.3473


 22.8902, 0.4774,
0.3500

 32.0829, 0.4018,
0.3437

 19.5471, 0.5209,
0.3511


 38.0278, 0.3720,
0.3398


 16.9684, 0.5635,
0.3499


 44.9291, 0.3473,
0.3358

 15.0927, 0.5997,
0.3461


 52.8267, 0.3270,
0.3320


 13.8457, 0.6248,
0.3403

 61.7580, 0.3105,
0.3285

 13.7075, 0.6278,
0.3397

 71.7586, 0.2969,
0.3253

 82.8622, 0.2857,
0.3223

 91.5750, 0.2827,
0.3289

Harmonies

Analogous

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



27.0509, 0.3988, 0.2994



27.0509, 0.4371, 0.3473



27.0509, 0.4367, 0.3960

Triad

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



27.0509, 0.4371, 0.3473



27.0509, 0.2810, 0.4169



27.0509, 0.2247, 0.2294

Complementary

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



27.0509, 0.4371, 0.3473



44.1784, 0.2455, 0.3087

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.



27.0509, 0.2009, 0.2472



27.0509, 0.4371, 0.3473



27.0509, 0.2301, 0.3542

Square

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



27.0509, 0.4371, 0.3473



27.0509, 0.3437, 0.4471



27.0509, 0.2024, 0.2903



27.0509, 0.2719, 0.2347

Rectangle

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



27.0509, 0.4371, 0.3473



27.0509, 0.4161, 0.4240



27.0509, 0.2024, 0.2903



27.0509, 0.2140, 0.2326

Sweetspot

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



27.0523, 0.4371, 0.3473



78.5863, 0.3401, 0.3345



26.6916, 0.3326, 0.2257



16.2438, 0.3447, 0.3354



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.



27.0523, 0.4371, 0.3473



37.7706, 0.4784, 0.3501



41.7467, 0.4043, 0.4078



11.4655, 0.3287, 0.3323



8.7112, 0.6261, 0.3411



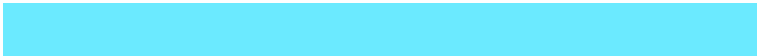
0.5344, 0.5944, 0.3662

Inverse Universe

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



44.1784, 0.2455, 0.3087



69.2357, 0.2350, 0.3037



26.5001, 0.2314, 0.2332



12.4458, 0.2983, 0.3256



22.1765, 0.2122, 0.2839



1.2202, 0.2149, 0.2935

Previews

White Background



This preview shows how the Yxy color 27.0509, 0.4371, 0.3473 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 27.0509, 0.4371, 0.3473 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 27.0509, 0.4371, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 27.0509, 0.4371, 0.3473.



This preview shows how white text looks on a background with the Yxy color 27.0509, 0.4371, 0.3473.

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

27.0509, 0.4371, 0.3473

Protanopia

27.1863, 0.3496, 0.3714

Deuteranopia

27.0026, 0.3888, 0.3809



Tritanopia

26.9506, 0.4141, 0.3177

Trichromacy



Original Color

27.0509, 0.4371, 0.3473

Protanomaly

26.7661, 0.3797, 0.3626

Deuteranomaly

26.8896, 0.4068, 0.3680

Tritanomaly

27.0097, 0.4228, 0.3280

Monochromacy



Original Color

27.0509, 0.4371, 0.3473

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.6345, 0.3542, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0509, 0.4371, 0.3473 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, 119, 105)` looks like.

```
.text, #text, p{  
    color:rgb(204, 119, 105)  
}
```

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, 119, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 119, 105) }
```

Border

The CSS property to change the border of an element to Yxy 27.0509, 0.4371, 0.3473 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, 119, 105) }
```

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

```
.border{ border-color:rgb(204, 119, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 119, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 119, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 119, 105);  
box-shadow:4px 4px 4px 4px rgb(204, 119,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0509, 0.4371, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 119, 105) }
```

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

```
.background{ background-color: rgb(204,  
119, 105) }
```

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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