

Converting Colors

$Y_{xy}(27.8078, 0.4316, 0.3348)$

Have a look what the booklet for
Yxy(27.8078, 0.4316, 0.3348)
contains.

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Color

Yxy(27.7271, 0.4319, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	D17672
RGB	209, 118, 114
RGB Percent	82%, 46%, 45%
CMY	0.1804, 0.5372, 0.5530
CMYK	0.00, 0.44, 0.45, 0.18
HSL	3°, 51%, 63%
HSV	3°, 45%, 82%
XYZ	35.8114, 27.7271, 19.3775
YIQ	144.7530, 55.5200, 18.0480

Conversions

Conversions Part 2

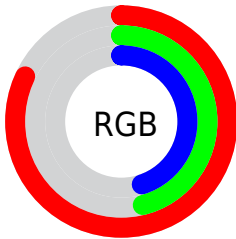
Format	Color
R _Y B	209, 118, 114
Decimal	13727346
CIE Lab	59.64, 35.09, 17.92
CIE LCh	60, 39.401, 27.051
Yxy	27.7271, 0.4319, 0.3344
Android (android.graphics.Color)	4291917426 (0xFFD17672)
YUV	144.7530, -15.1612, 56.3446
Hunter-Lab	52.6565, 29.2479, 15.0410

Details

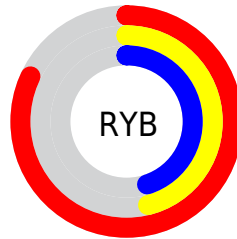
The Yxy color **27.7271, 0.4319, 0.3344** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **51.8367, 0.2512, 0.3233**, and the grayscale version is **28.2559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1390, 0.3946, 0.3345**, and **10.9870, 0.4747, 0.3311** is the 20% darker color. If you saturate the color by 10%, you get **23.0811, 0.4742, 0.3353**, and if you desaturate by 10%, it is **33.4848, 0.3956, 0.3332**.

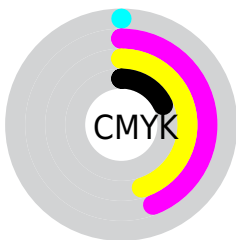
Distribution



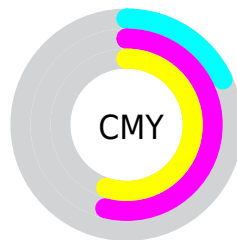
- Red (82%)
- Green (46%)
- Blue (45%)



- Red (82%)
- Yellow (46%)
- Blue (45%)



- Cyan (0%)
- Magenta (44%)
- Yellow (45%)
- Black (18%)





- Cyan (18%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7271, 0.4319, 0.3344 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 27.7271, 0.4319, 0.3344 by changing the saturation by 10% instead.


 27.7271, 0.4319,
0.3344


 27.7271, 0.4319,
0.3344


291.1606, 0.3666,
0.3340

 18.1200, 0.4501,
0.3334

 56.0484, 0.4068,
0.3350

 11.0362, 0.4745,
0.3314


 75.5315, 0.3978,
0.3349

 6.0912, 0.5088,
0.3271

 99.0754, 0.3903,
0.3348

 2.9006, 0.5595,
0.3176

 127.0645, 0.3840,
0.3347

 1.0801, 0.6849,
0.3151

159.8831, 0.3787,
0.3345

 0.0000, 1.0000,
0.0000

197.9158, 0.3741,

 0.0000, 0.0000,


0.3343


0.0000

241.5468, 0.3701,
0.3342


 27.7271, 0.4319,
0.3344


 27.7271, 0.4319,
0.3344

 23.0811, 0.4742,
0.3353


 33.4848, 0.3956,
0.3332


 19.4714, 0.5207,
0.3357


 40.4151, 0.3656,
0.3320


 16.8196, 0.5666,
0.3354

 48.5794, 0.3413,
0.3308


 15.0346, 0.6053,
0.3342


 58.0336, 0.3217,
0.3296

 14.0076, 0.6303,
0.3323

 68.8301, 0.3060,
0.3285

 13.7489, 0.6374,
0.3321

 81.0186, 0.2933,
0.3276

 92.2968, 0.2855,
0.3289

Harmonies

Analogous

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



27.7271, 0.3846, 0.2875



27.7271, 0.4319, 0.3344



27.7271, 0.4419, 0.3841

Triad

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



27.7271, 0.4319, 0.3344



27.7271, 0.2966, 0.4301



27.7271, 0.2152, 0.2307

Complementary

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



27.7271, 0.4319, 0.3344



51.8367, 0.2512, 0.3233

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.



27.7271, 0.1977, 0.2551



27.7271, 0.4319, 0.3344



27.7271, 0.2407, 0.3724

Square

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



27.7271, 0.4319, 0.3344



27.7271, 0.3602, 0.4489



27.7271, 0.2061, 0.3051



27.7271, 0.2571, 0.2303

Rectangle

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



27.7271, 0.4319, 0.3344



27.7271, 0.4269, 0.4146



27.7271, 0.2061, 0.3051



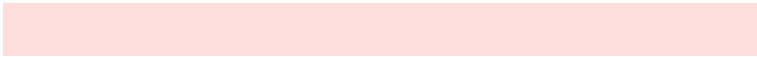
27.7271, 0.2066, 0.2360

Sweetspot

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



27.7285, 0.4319, 0.3344



78.0035, 0.3385, 0.3306



30.0353, 0.3211, 0.2220



16.0493, 0.3433, 0.3309



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.



27.7285, 0.4319, 0.3344



36.0908, 0.4750, 0.3353



41.5599, 0.4032, 0.3922



11.8873, 0.3290, 0.3300



8.5124, 0.6366, 0.3327



0.5048, 0.6257, 0.3414

Inverse Universe

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



51.8367, 0.2512, 0.3233



78.6384, 0.2414, 0.3219



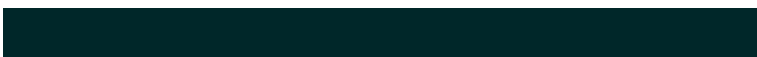
32.7454, 0.2391, 0.2548



13.3177, 0.2983, 0.3280



28.3896, 0.2211, 0.3158



1.6145, 0.2218, 0.3184

Previews

White Background



This preview shows how the Yxy color 27.7271, 0.4319, 0.3344 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 27.7271, 0.4319, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

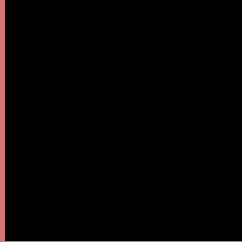
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.7271, 0.4319, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 27.7271, 0.4319, 0.3344.



This preview shows how white text looks on a background with the Yxy color 27.7271, 0.4319, 0.3344.

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

27.7271, 0.4319, 0.3344

Protanopia

28.0322, 0.3385, 0.3581

Deuteranopia

27.7378, 0.3788, 0.3717



Tritanopia

27.6731, 0.4198, 0.3180

Trichromacy



Original Color

27.7271, 0.4319, 0.3344

Protanomaly

27.5037, 0.3701, 0.3487

Deuteranomaly

27.5706, 0.3991, 0.3578

Tritanomaly

27.8047, 0.4245, 0.3243

Monochromacy



Original Color

27.7271, 0.4319, 0.3344

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.3740, 0.3517, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7271, 0.4319, 0.3344 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(209, 118, 114)` looks like.

```
.text, #text, p{  
    color:rgb(209, 118, 114)  
}
```

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(209, 118, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 118, 114) }
```

Border

The CSS property to change the border of an element to Yxy 27.7271, 0.4319, 0.3344 is called "border". The border property can be set on classes, ids or directly on the HTML element.

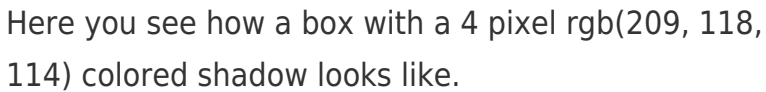
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 118, 114) }
```

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

```
.border{ border-color:rgb(209, 118, 114) }
```

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



Here you see how a box with a 4 pixel rgb(209, 118, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 118, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 118, 114);  
box-shadow:4px 4px 4px 4px rgb(209, 118,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7271, 0.4319, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 118, 114) }
```

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

```
.background{ background-color: rgb(209,  
118, 114) }
```

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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