

Converting Colors

$Y_{xy}(10.0419, 0.4017, 0.3439)$

Have a look what the booklet for
Yxy(10.0419, 0.4017, 0.3439)
contains.

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Color

Yxy(10.0529, 0.4008, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	784F48
RGB	120, 79, 72
RGB Percent	47%, 31%, 28%
CMY	0.5295, 0.6901, 0.7177
CMYK	0.00, 0.34, 0.40, 0.53
HSL	9°, 25%, 38%
HSV	9°, 40%, 47%
XYZ	11.7094, 10.0529, 7.4528
YIQ	90.4610, 26.6830, 6.5150

Conversions

Conversions Part 2

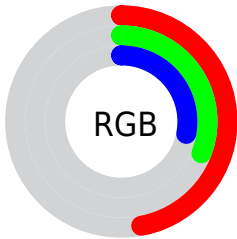
Format	Color
R_{YB}	120, 80, 72
Decimal	7884616
CIE Lab	37.94, 16.30, 11.18
CIE LCh	38, 19.770, 34.448
Yxy	10.0529, 0.4008, 0.3441
Android (android.graphics.Color)	4286074696 (0xFF784F48)
YUV	90.4610, -9.1013, 25.9057
Hunter-Lab	31.7063, 10.4354, 8.2579

Details

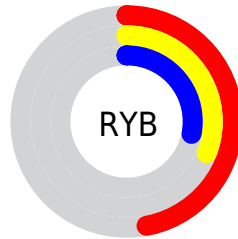
The Yxy color **10.0529, 0.4008, 0.3441** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.5350, 0.2576, 0.3130**, and the grayscale version is **10.3500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **25.7931, 0.3778, 0.3412**, and **2.4980, 0.4499, 0.3460** is the 20% darker color. If you saturate the color by 10%, you get **8.5459, 0.4342, 0.3477**, and if you desaturate by 10%, it is **11.8192, 0.3724, 0.3402**.

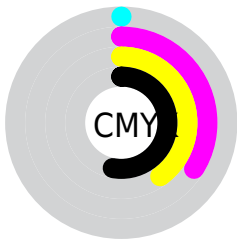
Distribution



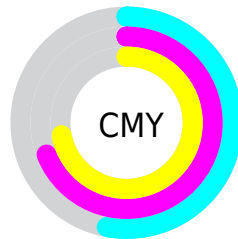
- Red (47%)
- Green (31%)
- Blue (28%)



- Red (47%)
- Yellow (31%)
- Blue (28%)



- Cyan (0%)
- Magenta (34%)
- Yellow (40%)
- Black (53%)





- Cyan (53%)
- Magenta (69%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.0529, 0.4008, 0.3441 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 10.0529, 0.4008, 0.3441 by changing the saturation by 10% instead.


 10.0529, 0.4008,
0.3441


 10.0529, 0.4008,
0.3441


191.0492, 0.3453,
0.3361


 5.4340, 0.4211,
0.3458

 25.8950, 0.3767,
0.3412

 2.5041, 0.4529,
0.3471

 37.8869, 0.3690,
0.3401


 0.8787, 0.5518,
0.3738

 53.1054, 0.3629,
0.3392

 0.0000, 1.0000,
0.0000

 71.9348, 0.3580,
0.3384

 0.0000, 0.0000,
0.0000

 94.7595, 0.3540,
0.3377

121.9639, 0.3506,

0.3371

153.9323, 0.3477,
0.3365

■ 10.0529, 0.4008,
0.3441

■ 10.0529, 0.4008,
0.3441

■ 8.5459, 0.4342,
0.3477

■ 11.8192, 0.3724,
0.3402

■ 7.2846, 0.4723,
0.3505

■ 13.8547, 0.3486,
0.3363

■ 6.2563, 0.5135,
0.3518


■ 16.1705, 0.3290,
0.3325

■ 5.4466, 0.5546,
0.3511


■ 18.7769, 0.3127,
0.3290

■ 4.8393, 0.5910,
0.3479

■ 21.6834, 0.2993,
0.3258


 4.4101, 0.6215,
0.3447

 24.8991, 0.2881,
0.3228

 4.4100, 0.6215,
0.3447

 28.4329, 0.2788,
0.3201

 32.2931, 0.2710,
0.3177

 36.4879, 0.2644,
0.3155

Harmonies

Analogous

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



10.0529, 0.3734, 0.3078



10.0529, 0.4008, 0.3441



10.0529, 0.4021, 0.3797

Triad

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



10.0529, 0.4008, 0.3441



10.0529, 0.2918, 0.3900



10.0529, 0.2481, 0.2559

Complementary

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



10.0529, 0.4008, 0.3441



14.5350, 0.2576, 0.3130

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.



10.0529, 0.2301, 0.2708



10.0529, 0.4008, 0.3441



10.0529, 0.2537, 0.3482

Square

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



10.0529, 0.4008, 0.3441



10.0529, 0.3373, 0.4114



10.0529, 0.2319, 0.3035



10.0529, 0.2834, 0.2589

Rectangle

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



10.0529, 0.4008, 0.3441



10.0529, 0.3885, 0.3988



10.0529, 0.2319, 0.3035



10.0529, 0.2400, 0.2588

Sweetspot

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



10.0534, 0.4008, 0.3441



27.4696, 0.3332, 0.3334



9.8310, 0.3276, 0.2463



6.4122, 0.3350, 0.3337



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



10.0534, 0.4008, 0.3441



15.2365, 0.4313, 0.3474



14.0384, 0.3821, 0.3915



4.1010, 0.3274, 0.3322



4.7979, 0.6221, 0.3442



22.0983, 0.6286, 0.3391

Inverse Universe

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



14.5350, 0.2576, 0.3130



24.2667, 0.2470, 0.3088



9.9762, 0.2493, 0.2569



4.4173, 0.2994, 0.3258



11.9266, 0.2121, 0.2835



55.9237, 0.2114, 0.2810

Previews

White Background



This preview shows how the Yxy color 10.0529, 0.4008, 0.3441 looks on a white 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

Black Background



This preview shows how the Yxy color 10.0529, 0.4008, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

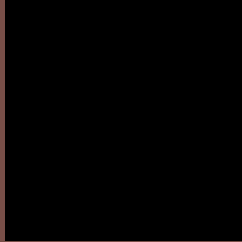
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.0529, 0.4008, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 10.0529, 0.4008, 0.3441.

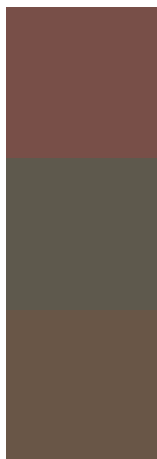


This preview shows how white text looks on a background with the Yxy color 10.0529, 0.4008, 0.3441.

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

10.0529, 0.4008, 0.3441

Protanopia

10.0603, 0.3397, 0.3587

Deuteranopia

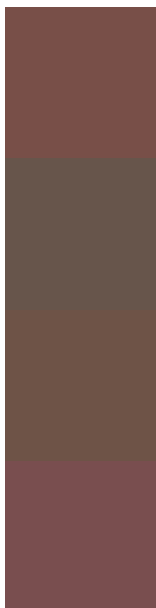
10.1138, 0.3705, 0.3641



Tritanopia

9.9972, 0.3832, 0.3166

Trichromacy



Original Color

10.0529, 0.4008, 0.3441

Protanomaly

9.8886, 0.3607, 0.3527

Deuteranomaly

9.9564, 0.3816, 0.3564

Tritanomaly

10.0782, 0.3902, 0.3271

Monochromacy



Original Color

10.0529, 0.4008, 0.3441

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.0468, 0.3432, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.0529, 0.4008, 0.3441 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(120, 79, 72)` looks like.

```
.text, #text, p{  
    color:rgb(120, 79, 72)  
}
```

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(120, 79, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 79, 72) }
```

Border

The CSS property to change the border of an element to Yxy 10.0529, 0.4008, 0.3441 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(120, 79, 72) }
```

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

```
.border{ border-color:rgb(120, 79, 72) }
```

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

Here you see how a box with a 4 pixel rgb(120, 79, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 79, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 79, 72);  
box-shadow:4px 4px 4px 4px rgb(120, 79,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 10.0529, 0.4008, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 79, 72) }
```

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

```
.background{ background-color: rgb(120, 79,  
72) }
```

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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