

Converting Colors

$Y_{xy}(10.1894, 0.4079, 0.3252)$

Have a look what the booklet for
Yxy(10.1894, 0.4079, 0.3252)
contains.

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Color

Yxy(10.1572, 0.4086, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	804B4D
RGB	128, 75, 77
RGB Percent	50%, 29%, 30%
CMY	0.4980, 0.7059, 0.6980
CMYK	0.00, 0.41, 0.40, 0.50
HSL	358°, 26%, 40%
HSV	358°, 41%, 50%
XYZ	12.7582, 10.1572, 8.3087
YIQ	91.0750, 30.9460, 11.8580

Conversions

Conversions Part 2

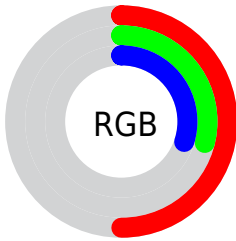
Format	Color
RYB	128, 75, 77
Decimal	8407885
CIELab	38.12, 22.72, 8.48
CIELCh	38, 24.251, 20.479
Yxy	10.1572, 0.4086, 0.3253
Android (android.graphics.Color)	4286597965 (0xFF804B4D)
YUV	91.0750, -6.9390, 32.3832
Hunter-Lab	31.8704, 15.6830, 6.8521

Details

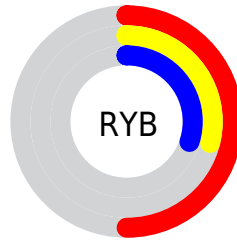
The Yxy color **10.1572, 0.4086, 0.3253** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **18.4420, 0.2598, 0.3331**, and the grayscale version is **10.4908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.2409, 0.3826, 0.3278**, and **2.5250, 0.4646, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **8.4347, 0.4457, 0.3246**, and if you desaturate by 10%, it is **12.2631, 0.3775, 0.3262**.

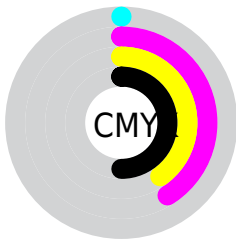
Distribution



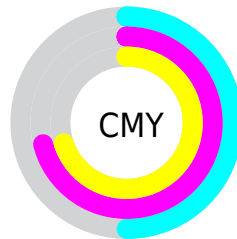
- Red (50%)
- Green (29%)
- Blue (30%)



- Red (50%)
- Yellow (29%)
- Blue (30%)



- Cyan (0%)
- Magenta (41%)
- Yellow (40%)
- Black (50%)





- Cyan (50%)
- Magenta (71%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.1572, 0.4086, 0.3253 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 10.1572, 0.4086, 0.3253 by changing the saturation by 10% instead.


 10.1572, 0.4086,
0.3253


 10.1572, 0.4086,
0.3253


191.7904, 0.3483,
0.3290


 5.5033, 0.4305,
0.3229

 26.0908, 0.3824,
0.3274


 2.5455, 0.4650,
0.3180

 38.1392, 0.3740,
0.3279


 0.8993, 0.5461,
0.3176

 53.4213, 0.3674,
0.3283

 0.0000, 1.0000,
0.0000

 72.3215, 0.3621,
0.3285

 0.0000, 0.0000,
0.0000

 95.2241, 0.3577,
0.3287

122.5135, 0.3541,

0.3288

154.5741, 0.3509,
0.3289

■ 10.1572, 0.4086,
0.3253

■ 10.1572, 0.4086,
0.3253

■ 8.4347, 0.4457,
0.3246

■ 12.2631, 0.3775,
0.3262

■ 7.0710, 0.4881,
0.3242

■ 14.7720, 0.3520,
0.3271

■ 6.0414, 0.5333,
0.3243


■ 17.7037, 0.3314,
0.3280


■ 5.3171, 0.5765,
0.3250


■ 21.0767, 0.3148,
0.3289


■ 4.8645, 0.6114,
0.3264


■ 24.9080, 0.3013,
0.3297

 4.6001, 0.6339,
0.3266

 29.2139, 0.2904,
0.3304

 34.0099, 0.2815,
0.3311

 39.3108, 0.2742,
0.3317

 45.1306, 0.2681,
0.3322

Harmonies

Analogous

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



10.1572, 0.3630, 0.2850



10.1572, 0.4086, 0.3253



10.1572, 0.4253, 0.3692

Triad

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



10.1572, 0.4086, 0.3253



10.1572, 0.3117, 0.4215



10.1572, 0.2222, 0.2462

Complementary

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



10.1572, 0.4086, 0.3253



18.4420, 0.2598, 0.3331

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.



10.1572, 0.2116, 0.2734



10.1572, 0.4086, 0.3253



10.1572, 0.2601, 0.3786

Square

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



10.1572, 0.4086, 0.3253



10.1572, 0.3663, 0.4307



10.1572, 0.2246, 0.3213



10.1572, 0.2549, 0.2409

Rectangle

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



10.1572, 0.4086, 0.3253



10.1572, 0.4176, 0.3966



10.1572, 0.2246, 0.3213



10.1572, 0.2161, 0.2528

Sweetspot

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



10.1577, 0.4086, 0.3253



30.6890, 0.3330, 0.3279



10.9777, 0.3131, 0.2304



7.0529, 0.3350, 0.3279



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



10.1577, 0.4086, 0.3253



14.9192, 0.4446, 0.3246



13.9934, 0.3930, 0.3762



4.3467, 0.3273, 0.3282



4.5610, 0.6339, 0.3266



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.1577, 0.4086, 0.3253



14.9192, 0.4446, 0.3246



12.9861, 0.2500, 0.2759



4.3467, 0.3273, 0.3282



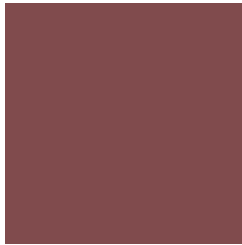
4.5610, 0.6339, 0.3266



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 10.1572, 0.4086, 0.3253 looks on a white background.

Color Contrast Check

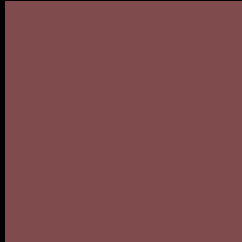
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.1572, 0.4086, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

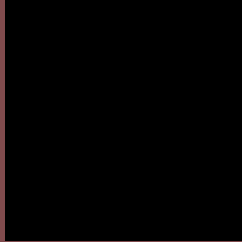
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.1572, 0.4086, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 10.1572, 0.4086, 0.3253.



This preview shows how white text looks on a background with the Yxy color 10.1572, 0.4086, 0.3253.

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

10.1572, 0.4086, 0.3253

Protanopia

10.2954, 0.3252, 0.3412

Deuteranopia

10.2674, 0.3613, 0.3572



Tritanopia

10.2005, 0.4027, 0.3193

Trichromacy



Original Color

10.1572, 0.4086, 0.3253

Protanomaly

10.1704, 0.3540, 0.3360

Deuteranomaly

10.2190, 0.3781, 0.3447

Tritanomaly

10.1859, 0.4047, 0.3213

Monochromacy



Original Color

10.1572, 0.4086, 0.3253

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

10.1119, 0.3438, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.1572, 0.4086, 0.3253 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(128, 75, 77)` looks like.

```
.text, #text, p{  
    color:rgb(128, 75, 77)  
}
```

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(128, 75, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 75, 77) }
```

Border

The CSS property to change the border of an element to Yxy 10.1572, 0.4086, 0.3253 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(128, 75, 77) }
```

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

```
.border{ border-color:rgb(128, 75, 77) }
```

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

Here you see how a box with a 4 pixel rgb(128, 75, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 75, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 75, 77);  
box-shadow:4px 4px 4px 4px rgb(128, 75,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 10.1572, 0.4086, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 75, 77) }
```

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

```
.background{ background-color: rgb(128, 75,  
77) }
```

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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