

Converting Colors

$Y_{xy}(10.7172, 0.4058, 0.3546)$

Have a look what the booklet for
Yxy(10.7172, 0.4058, 0.3546)
contains.

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Color

Yxy(10.6877, 0.4071, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	7B5246
RGB	123, 82, 70
RGB Percent	48%, 32%, 27%
CMY	0.5177, 0.6784, 0.7254
CMYK	0.00, 0.33, 0.43, 0.52
HSL	14°, 27%, 38%
HSV	14°, 43%, 48%
XYZ	12.2909, 10.6877, 7.2127
YIQ	92.8910, 28.2880, 4.9600

Conversions

Conversions Part 2

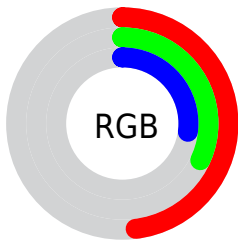
Format	Color
R_{YB}	123, 86, 70
Decimal	8081990
CIE _{Lab}	39.05, 15.56, 13.99
CIE _{LCh}	39, 20.925, 41.955
Yxy	10.6877, 0.4071, 0.3540
Android (android.graphics.Color)	4286272070 (0xFF7B5246)
YUV	92.8910, -11.2853, 26.4056
Hunter-Lab	32.6920, 9.8975, 9.8036

Details

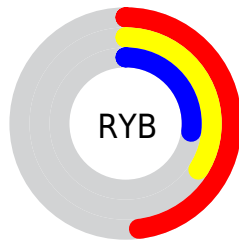
The Yxy color **10.6877, 0.4071, 0.3540** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.1032, 0.2523, 0.3018**, and the grayscale version is **10.9420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.1576, 0.3820, 0.3498**, and **2.7800, 0.4587, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **9.2112, 0.4398, 0.3593**, and if you desaturate by 10%, it is **12.3962, 0.3787, 0.3481**.

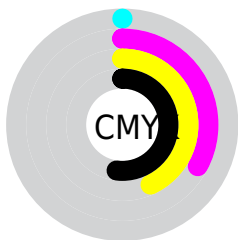
Distribution



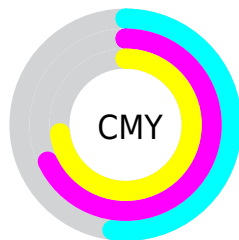
- Red (48%)
- Green (32%)
- Blue (27%)



- Red (48%)
- Yellow (34%)
- Blue (27%)



- Cyan (0%)
- Magenta (33%)
- Yellow (43%)
- Black (52%)



- Cyan (52%)
- Magenta (68%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6877, 0.4071, 0.3540 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 10.6877, 0.4071, 0.3540 by changing the saturation by 10% instead.


 10.6877, 0.4071,
0.3540


 10.6877, 0.4071,
0.3540


195.5123, 0.3481,
0.3402


 5.8572, 0.4281,
0.3574

 27.0812, 0.3817,
0.3488


 2.7585, 0.4605,
0.3611

 39.4131, 0.3735,
0.3469


 1.0070, 0.5614,
0.3944

 55.0142, 0.3670,
0.3453

 0.0000, 1.0000,
0.0000

 74.2689, 0.3618,
0.3440

 0.0000, 0.0000,
0.0000

 97.5617, 0.3575,
0.3428

125.2769, 0.3538,

0.3418

157.7990, 0.3508,
0.3410

■ 10.6877, 0.4071,
0.3540

■ 10.6877, 0.4071,
0.3540

■ 9.2112, 0.4398,
0.3593

■ 12.3962, 0.3787,
0.3481

■ 7.9551, 0.4762,
0.3634

■ 14.3445, 0.3546,
0.3420

■ 6.9088, 0.5148,
0.3653

■ 16.5422, 0.3344,
0.3362

■ 6.0607, 0.5527,
0.3641

■ 18.9976, 0.3174,
0.3306

■ 5.3974, 0.5858,
0.3594

■ 21.7190, 0.3031,
0.3255

■ 5.0327, 0.6071,
0.3562

■ 24.7139, 0.2912,
0.3208

■ 27.9898, 0.2811,
0.3164

■ 31.5537, 0.2726,
0.3125

■ 35.4126, 0.2654,
0.3089

Harmonies

Analogous

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



10.6877, 0.3850, 0.3160



10.6877, 0.4071, 0.3540



10.6877, 0.4013, 0.3894

Triad

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



10.6877, 0.4071, 0.3540



10.6877, 0.2799, 0.3829



10.6877, 0.2534, 0.2525

Complementary

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



10.6877, 0.4071, 0.3540



14.1032, 0.2523, 0.3018

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.



10.6877, 0.2301, 0.2630



10.6877, 0.4071, 0.3540



10.6877, 0.2441, 0.3367

Square

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



10.6877, 0.4071, 0.3540



10.6877, 0.3262, 0.4118



10.6877, 0.2267, 0.2924



10.6877, 0.2935, 0.2600

Rectangle

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



10.6877, 0.4071, 0.3540



10.6877, 0.3832, 0.4068



10.6877, 0.2267, 0.2924



10.6877, 0.2436, 0.2539

Sweetspot

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



10.6882, 0.4071, 0.3540



29.5228, 0.3348, 0.3363



9.7523, 0.3366, 0.2476



6.7701, 0.3384, 0.3374



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



10.6882, 0.4071, 0.3540



16.4462, 0.4405, 0.3594



15.3746, 0.3851, 0.4046



4.1487, 0.3272, 0.3339



5.1996, 0.6074, 0.3560



23.7174, 0.6155, 0.3495

Inverse Universe

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



14.1032, 0.2523, 0.3018



23.4149, 0.2401, 0.2942



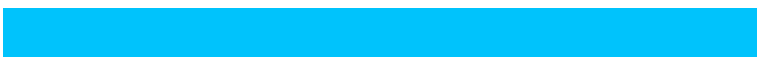
9.2343, 0.2422, 0.2392



4.3660, 0.2994, 0.3241



9.9698, 0.2047, 0.2569



46.2365, 0.2036, 0.2528

Previews

White Background



This preview shows how the Yxy color 10.6877, 0.4071, 0.3540 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 10.6877, 0.4071, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

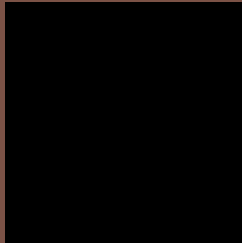
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.6877, 0.4071, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 10.6877, 0.4071, 0.3540.



This preview shows how white text looks on a background with the Yxy color 10.6877, 0.4071, 0.3540.

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

10.6877, 0.4071, 0.3540

Protanopia

10.7590, 0.3483, 0.3698

Deuteranopia

10.6603, 0.3795, 0.3721



Tritanopia

10.6943, 0.3811, 0.3169

Trichromacy



Original Color

10.6877, 0.4071, 0.3540

Protanomaly

10.5863, 0.3693, 0.3635

Deuteranomaly

10.6627, 0.3898, 0.3665

Tritanomaly

10.7491, 0.3915, 0.3313

Monochromacy



Original Color

10.6877, 0.4071, 0.3540

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.7437, 0.3439, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6877, 0.4071, 0.3540 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(123, 82, 70)` looks like.

```
.text, #text, p{  
    color:rgb(123, 82, 70)  
}
```

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(123, 82, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 82, 70) }
```

Border

The CSS property to change the border of an element to Yxy 10.6877, 0.4071, 0.3540 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(123, 82, 70) }
```

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

```
.border{ border-color:rgb(123, 82, 70) }
```

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

Here you see how a box with a 4 pixel rgb(123, 82, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 82, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 82, 70);  
box-shadow:4px 4px 4px 4px rgb(123, 82,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 10.6877, 0.4071, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 82, 70) }
```

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

```
.background{ background-color: rgb(123, 82,  
70) }
```

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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