Converting Colors

Yxy(11.2714, 0.3952, 0.3524)

Have a look what the booklet for Yxy(11.2714, 0.3952, 0.3524) contains.

Yxy(11.2876, 0.3950, 0.3542) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 27
- ***CSS Examples*** 30

Color

Yxy(11.2876, 0.3950, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	7A564A
RGB	122, 86, 74
RGB Percent	48%, 34%, 29%
CMY	0.5216, 0.6627, 0.7098
CMYK	0.00, 0.29, 0.39, 0.52
HSL	15°, 24%, 38%
HSV	15°, 39%, 48%
XYZ	12.5878, 11.2876, 7.9925
YIQ	95.3960, 25.3080, 3.9000

Conversions

Conversions Part 2

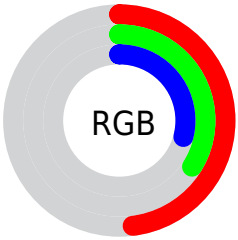
Format	Color
RYB	122, 90, 74
Decimal	8017482
CIELab	40.06, 13.22, 12.92
CIELCh	40, 18.484, 44.328
Yxy	11.2876, 0.3950, 0.3542
Android (android.graphics.Color)	4286207562 (0xFF7A564A)
YUV	95.3960, -10.5482, 23.3317
Hunter-Lab	33.5970, 8.0839, 9.4133

Details

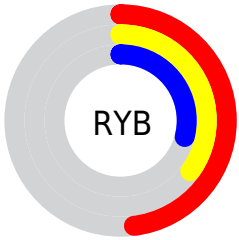
The Yxy color 11.2876, 0.3950, 0.3542 is a dark color, and the websafe version is hex 996666. A complement of this color would be 14.0041, 0.2567, 0.3019, and the grayscale version is 11.5651, 0.3127, 0.3290.

A 20% lighter version of the original color is 28.2685, 0.3732, 0.3483, and 2.9890, 0.4434, 0.3616 is the 20% darker color. If you saturate the color by 10%, you get 9.7713, 0.4254, 0.3604, and if you desaturate by 10%, it is 13.0237, 0.3687, 0.3476.

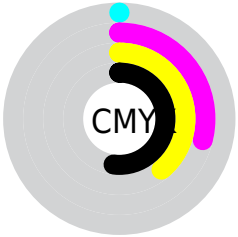
Distribution



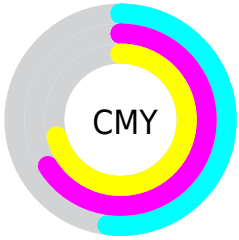
- Red (48%)
- Green (34%)
- Blue (29%)



- Red (48%)
- Yellow (35%)
- Blue (29%)



- Cyan (0%)
- Magenta (29%)
- Yellow (39%)
- Black (52%)



- Cyan (52%)
- Magenta (66%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.2876, 0.3950, 0.3542 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 11.2876, 0.3950, 0.3542 by changing the saturation by 10% instead.

11.2876, 0.3950, 0.3542

11.2876, 0.3950, 0.3542

199.6302, 0.3439, 0.3400

6.2606, 0.4130, 0.3581

28.1908, 0.3732, 0.3487

3.0042, 0.4406, 0.3629

40.8358, 0.3660, 0.3467

1.1339, 0.5104, 0.3846

56.7889, 0.3604, 0.3451

0.0067, 0.9800, 0.0200

76.4345, 0.3559, 0.3437

0.0000, 0.0000, 0.0000

100.1571, 0.3521, 0.3426

128.3409, 0.3489,

0.3416

161.3705, 0.3462, 0.3407

11.2876, 0.3950, 0.3542

11.2876, 0.3950, 0.3542

9.7713, 0.4254, 0.3604

13.0237, 0.3687, 0.3476

8.4643, 0.4597, 0.3656

14.9863, 0.3464, 0.3409

7.3576, 0.4967, 0.3689

17.1839, 0.3276, 0.3346

6.4409, 0.5342, 0.3693

19.6241, 0.3118, 0.3286

5.7030, 0.5689, 0.3660

22.3139, 0.2984, 0.3231

5.1261, 0.5997, 0.3607

5.0930, 0.6017, 0.3604

25.2603, 0.2872, 0.3180

28.4699, 0.2777, 0.3134

31.9490, 0.2696, 0.3092

35.7038, 0.2627, 0.3054

Harmonies

Analogous

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

11.2876, 0.3776, 0.3206

11.2876, 0.3950, 0.3542

11.2876, 0.3884, 0.3843

Triad

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

11.2876, 0.3950, 0.3542

11.2876, 0.2815, 0.3725

11.2876, 0.2633, 0.2619

Complementary

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

11.2876, 0.3950, 0.3542

14.0041, 0.2567, 0.3019

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.

11.2876, 0.2413, 0.2702

11.2876, 0.3950, 0.3542

11.2876, 0.2510, 0.3327

Square

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

11.2876, 0.3950, 0.3542

11.2876, 0.3216, 0.3990

11.2876, 0.2369, 0.2951

11.2876, 0.2994, 0.2695

Rectangle

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

11.2876, 0.3950, 0.3542

11.2876, 0.3720, 0.3982

11.2876, 0.2369, 0.2951

11.2876, 0.2541, 0.2628

Sweetspot

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

11.2881, 0.3950, 0.3542

29.0572, 0.3328, 0.3364

10.1584, 0.3368, 0.2575

6.5569, 0.3346, 0.3370

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.

11.2881, 0.3950, 0.3542

17.4984, 0.4215, 0.3597

15.7792, 0.3769, 0.4010

4.1632, 0.3271, 0.3344

5.3517, 0.6021, 0.3601

24.3599, 0.6106, 0.3533

Inverse Universe

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

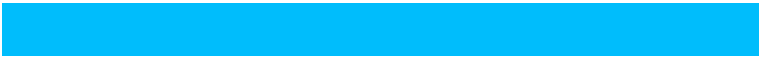
14.0041, 0.2567, 0.3019

22.9546, 0.2455, 0.2947

9.5143, 0.2483, 0.2445

4.3505, 0.2994, 0.3235

9.4236, 0.2024, 0.2487



43.5476, 0.2011, 0.2441

Previews

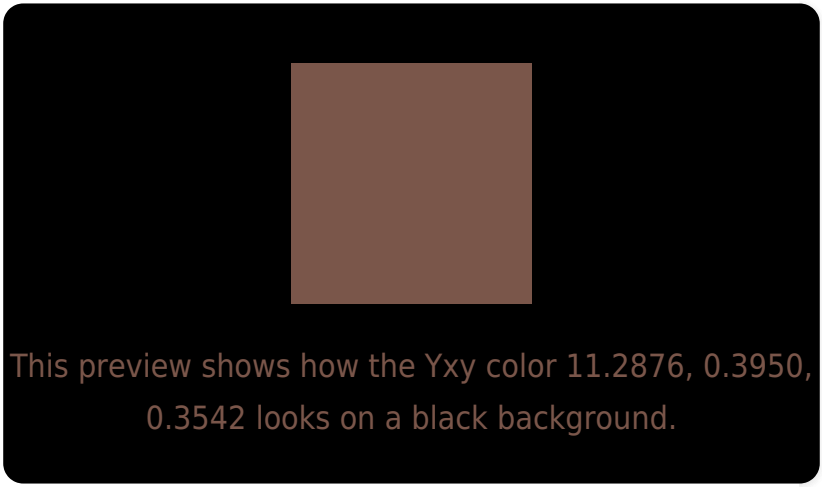
White Background

This preview shows how the Yxy color 11.2876, 0.3950, 0.3542 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

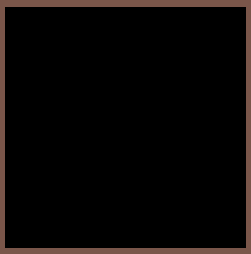


Color Contrast Check

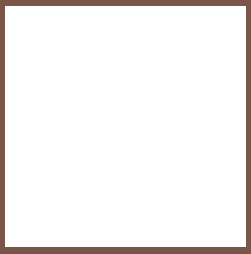
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Yxy 11.2876, 0.3950, 0.3542 Background



This preview shows how black text looks on a background with the Yxy color 11.2876, 0.3950, 0.3542.



This preview shows how white text looks on a background with the Yxy color 11.2876, 0.3950, 0.3542.

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
11.2876, 0.3950, 0.3542

Protanopia
11.2648, 0.3461, 0.3667

Deuteranopia
11.3427, 0.3742, 0.3691

Tritanopia
11.2898, 0.3700, 0.3169

Trichromacy

Original Color
11.2876, 0.3950, 0.3542

Protanomaly
11.2061, 0.3627, 0.3608

Deuteranomaly
11.2706, 0.3825, 0.3639

Tritanomaly
11.3480, 0.3800, 0.3313

Monochromacy

Original Color
11.2876, 0.3950, 0.3542

Achromatopsia
11.4435, 0.3127, 0.3290

Achromatomaly
11.3457, 0.3413, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2876, 0.3950, 0.3542 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(122, 86, 74) looks like.

```
.text, #text, p{
    color:rgb(122, 86, 74)
}
```

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(122, 86, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 86, 74) }
```

Border

The CSS property to change the border of an element to Yxy 11.2876, 0.3950, 0.3542 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(122, 86, 74) }
```

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

```
.border{ border-color:rgb(122, 86, 74) }
```

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

Here you see how a box with a 4 pixel rgb(122, 86, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 86, 74); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 86, 74); box-shadow:4px 4px 4px 4px rgb(122, 86, 74) }
```

Background

The CSS property to change the background color of an element to Yxy 11.2876, 0.3950, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(122, 86, 74) }
```

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

```
.background{ background-color:rgb(122, 86,
74) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor