

Converting Colors

$Yxy(47.0851, 0.4021, 0.3546)$

Have a look what the booklet for
Yxy(47.0851, 0.4021, 0.3546)
contains.

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Color

Yxy(47.2601, 0.4022, 0.3552)

Conversions

Conversions Part 1

Format	Color
Hex	EDA68F
RGB	237, 166, 143
RGB Percent	93%, 65%, 56%
CMY	0.0707, 0.3490, 0.4393
CMYK	0.00, 0.30, 0.40, 0.07
HSL	15°, 72%, 75%
HSV	15°, 40%, 93%
XYZ	53.5135, 47.2601, 32.2784
YIQ	184.6070, 49.6990, 7.8990

Conversions

Conversions Part 2

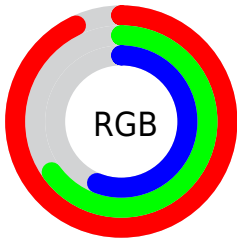
Format	Color
R _Y B	237, 173, 143
Decimal	15574671
CIE Lab	74.36, 23.40, 22.43
CIE LCh	74, 32.416, 43.782
Yxy	47.2601, 0.4022, 0.3552
Android (android.graphics.Color)	4293764751 (0xFFEDA68F)
YUV	184.6070, -20.5123, 45.9487
Hunter-Lab	68.7460, 18.6433, 20.2836

Details

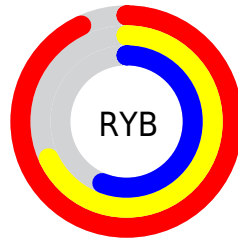
The Yxy color **47.2601, 0.4022, 0.3552** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.0157, 0.2536, 0.3006**, and the grayscale version is **48.3817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0041, 0.3543, 0.3536**, and **22.4086, 0.4269, 0.3598** is the 20% darker color. If you saturate the color by 10%, you get **40.5595, 0.4355, 0.3614**, and if you desaturate by 10%, it is **55.0217, 0.3735, 0.3484**.

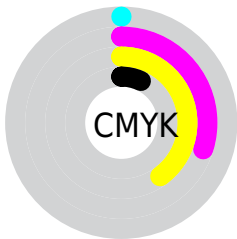
Distribution



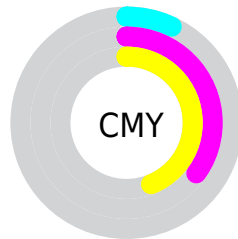
- Red (93%)
- Green (65%)
- Blue (56%)



- Red (93%)
- Yellow (68%)
- Blue (56%)



- Cyan (0%)
- Magenta (30%)
- Yellow (40%)
- Black (7%)





- Cyan (7%)
- Magenta (35%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2601, 0.4022, 0.3552 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 47.2601, 0.4022, 0.3552 by changing the saturation by 10% instead.


 47.2601, 0.4022,
0.3552


 47.2601, 0.4022,
0.3552


375.8518, 0.3572,
0.3438

 33.2413, 0.4134,
0.3575


 86.1017, 0.3858,
0.3515

 22.3114, 0.4277,
0.3600


 111.6934, 0.3797,
0.3500

 14.0859, 0.4465,
0.3628


141.9115, 0.3745,
0.3486

 8.1804, 0.4722,
0.3654

177.1403, 0.3700,
0.3474

 4.2106, 0.5090,
0.3667

217.7644, 0.3662,
0.3464

 1.7921, 0.5881,
0.3777

264.1681, 0.3628,

 0.4822, 0.6840,

0.3454

0.3160

316.7357, 0.3598,
0.3446

0.0000, 0.0000,
0.0000

47.2601, 0.4022,
0.3552

47.2601, 0.4022,
0.3552

40.5595, 0.4355,
0.3614

55.0217, 0.3735,
0.3484

34.8664, 0.4729,
0.3662

63.8814, 0.3493,
0.3416

30.1327, 0.5126,
0.3685

73.8825, 0.3291,
0.3350

26.3031, 0.5516,
0.3673

85.0643, 0.3122,
0.3288

23.3167, 0.5853,
0.3619

96.7416, 0.3017,
0.3290

■ 21.0979, 0.6105,
0.3532

■ 21.0359, 0.6112,
0.3529

Harmonies

Analogous

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



47.2601, 0.3828, 0.3190



47.2601, 0.4022, 0.3552



47.2601, 0.3953, 0.3882

Triad

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



47.2601, 0.4022, 0.3552



47.2601, 0.2793, 0.3773



47.2601, 0.2585, 0.2564

Complementary

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



47.2601, 0.4022, 0.3552



60.0157, 0.2536, 0.3006

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.



47.2601, 0.2352, 0.2655



47.2601, 0.4022, 0.3552



47.2601, 0.2463, 0.3337

Square

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



47.2601, 0.4022, 0.3552



47.2601, 0.3229, 0.4059



47.2601, 0.2308, 0.2925



47.2601, 0.2973, 0.2645

Rectangle

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



47.2601, 0.4022, 0.3552



47.2601, 0.3775, 0.4038



47.2601, 0.2308, 0.2925



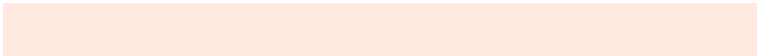
47.2601, 0.2488, 0.2575

Sweetspot

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



47.2624, 0.4022, 0.3552



84.3202, 0.3335, 0.3365



42.5483, 0.3372, 0.2516



17.7089, 0.3361, 0.3374



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.



47.2624, 0.4022, 0.3552



48.9943, 0.4303, 0.3606



67.0285, 0.3819, 0.4038



15.6536, 0.3287, 0.3348



11.6590, 0.6085, 0.3550



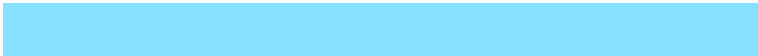
1.0629, 0.5817, 0.3763

Inverse Universe

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



60.0157, 0.2536, 0.3006



66.0255, 0.2425, 0.2933



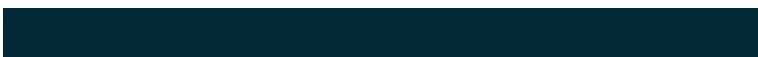
39.9729, 0.2443, 0.2404



16.4601, 0.2981, 0.3231



21.1381, 0.2022, 0.2478



1.8086, 0.2057, 0.2604

Previews

White Background



This preview shows how the Yxy color 47.2601, 0.4022, 0.3552 looks on a white background.

Color Contrast Check

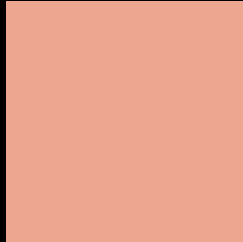
Large Text (above 18pt) WCAG AA × Fail

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 47.2601, 0.4022, 0.3552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

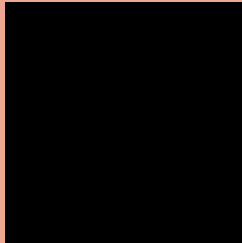
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.2601, 0.4022, 0.3552

Background



This preview shows how black text looks on a background with the Yxy color 47.2601, 0.4022, 0.3552.



This preview shows how white text looks on a background with the Yxy color 47.2601, 0.4022, 0.3552.

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

47.2601, 0.4022, 0.3552

Protanopia

47.5707, 0.3486, 0.3704

Deuteranopia

47.4208, 0.3790, 0.3717



Tritanopia

47.4219, 0.3763, 0.3159

Trichromacy



Original Color

47.2601, 0.4022, 0.3552

Protanomaly

47.2840, 0.3677, 0.3650

Deuteranomaly

47.1460, 0.3873, 0.3647

Tritanomaly

47.1895, 0.3858, 0.3292

Monochromacy



Original Color

47.2601, 0.4022, 0.3552

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.5804, 0.3426, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2601, 0.4022, 0.3552 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(237, 166, 143)` looks like.

```
.text, #text, p{  
    color:rgb(237, 166, 143)  
}
```

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(237, 166, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 166, 143) }
```

Border

The CSS property to change the border of an element to Yxy 47.2601, 0.4022, 0.3552 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(237, 166, 143) }
```

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

```
.border{ border-color:rgb(237, 166, 143) }
```

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

Here you see how a box with a 4 pixel rgb(237, 166, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 166, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 166, 143);  
box-shadow:4px 4px 4px 4px rgb(237, 166,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2601, 0.4022, 0.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 166, 143) }
```

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

```
.background{ background-color: rgb(237,  
166, 143) }
```

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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