

Converting Colors

$Y_{xy}(44.0808, 0.4308, 0.3643)$

Have a look what the booklet for
Yxy(44.0808, 0.4308, 0.3643)
contains.

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Color

Yxy(44.1094, 0.4306, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	F29C7C
RGB	242, 156, 124
RGB Percent	95%, 61%, 49%
CMY	0.0511, 0.3881, 0.5137
CMYK	0.00, 0.36, 0.49, 0.05
HSL	16°, 82%, 72%
HSV	16°, 49%, 95%
XYZ	52.1370, 44.1094, 24.8335
YIQ	178.0660, 61.5280, 8.2800

Conversions

Conversions Part 2

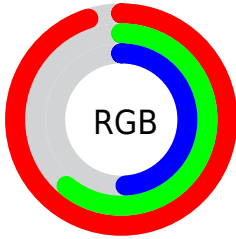
Format	Color
R _Y B	242, 168, 124
Decimal	15899772
CIE Lab	72.30, 28.69, 30.05
CIE LCh	72, 41.544, 46.327
Yxy	44.1094, 0.4306, 0.3643
Android (android.graphics.Color)	4294089852 (0xFFFF29C7C)
YUV	178.0660, -26.6545, 56.0701
Hunter-Lab	66.4149, 23.8999, 24.3211

Details

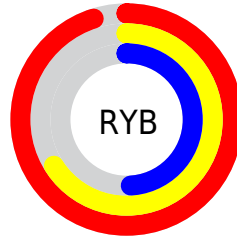
The Yxy color **44.1094, 0.4306, 0.3643** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **56.7607, 0.2410, 0.2888**, and the grayscale version is **44.6783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0229, 0.3717, 0.3643**, and **20.4759, 0.4641, 0.3691** is the 20% darker color. If you saturate the color by 10%, you get **38.0784, 0.4667, 0.3699**, and if you desaturate by 10%, it is **51.1537, 0.3984, 0.3573**.

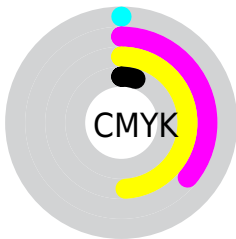
Distribution



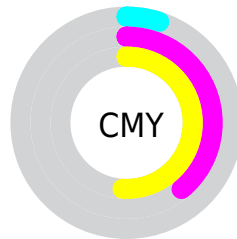
- Red (95%)
- Green (61%)
- Blue (49%)



- Red (95%)
- Yellow (66%)
- Blue (49%)



- Cyan (0%)
- Magenta (36%)
- Yellow (49%)
- Black (5%)





- Cyan (5%)
- Magenta (39%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1094, 0.4306, 0.3643 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 44.1094, 0.4306, 0.3643 by changing the saturation by 10% instead.


 44.1094, 0.4306,
0.3643

 44.1094, 0.4306,
0.3643


363.1545, 0.3709,
0.3496

 30.7565, 0.4454,
0.3669


 81.3823, 0.4089,
0.3597

 20.4135, 0.4642,
0.3695


 106.0712, 0.4007,
0.3578

 12.6960, 0.4887,
0.3718

 135.3075, 0.3938,
0.3560

 7.2195, 0.5215,
0.3725

169.4756, 0.3879,
0.3544

 3.5998, 0.5692,
0.3703

208.9600, 0.3828,
0.3530

 1.4523, 0.6417,
0.3583

254.1450, 0.3783,

 0.2548, 0.7879,

0.3518

0.2121

305.4151, 0.3744,
0.3506

0.0000, 0.0000,
0.0000

44.1094, 0.4306,
0.3643

44.1094, 0.4306,
0.3643

38.0784, 0.4667,
0.3699

51.1537, 0.3984,
0.3573

33.0060, 0.5052,
0.3730

59.2493, 0.3707,
0.3498

28.8423, 0.5433,
0.3724

68.4403, 0.3471,
0.3422

25.5294, 0.5770,
0.3674

78.7662, 0.3273,
0.3350

22.9983, 0.6028,
0.3584

90.2645, 0.3108,
0.3282

■ 22.7318, 0.6057,
0.3573

■ 97.6121, 0.3047,
0.3290

Harmonies

Analogous

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



44.1094, 0.4083, 0.3186



44.1094, 0.4306, 0.3643



44.1094, 0.4174, 0.4068

Triad

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



44.1094, 0.4306, 0.3643



44.1094, 0.2642, 0.3890



44.1094, 0.2461, 0.2365

Complementary

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



44.1094, 0.4306, 0.3643



56.7607, 0.2410, 0.2888

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.



44.1094, 0.2152, 0.2449



44.1094, 0.4306, 0.3643



44.1094, 0.2243, 0.3288

Square

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



44.1094, 0.4306, 0.3643



44.1094, 0.3195, 0.4302



44.1094, 0.2075, 0.2762



44.1094, 0.2969, 0.2487

Rectangle

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



44.1094, 0.4306, 0.3643



44.1094, 0.3920, 0.4277



44.1094, 0.2075, 0.2762



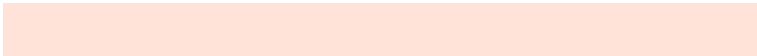
44.1094, 0.2333, 0.2369

Sweetspot

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



44.1116, 0.4306, 0.3643



81.2678, 0.3394, 0.3395



37.9654, 0.3487, 0.2385



16.8821, 0.3437, 0.3410



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.



44.1116, 0.4306, 0.3643



42.6410, 0.4682, 0.3701



68.6454, 0.3976, 0.4238



16.4569, 0.3286, 0.3355



12.4085, 0.6028, 0.3595



1.1918, 0.5772, 0.3799

Inverse Universe

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



56.7607, 0.2410, 0.2888



58.3700, 0.2285, 0.2784



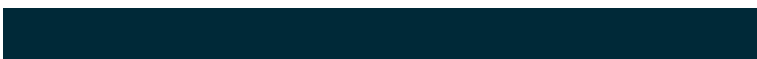
32.9964, 0.2261, 0.2102



17.1609, 0.2981, 0.3224



20.4281, 0.1996, 0.2384



1.8635, 0.2033, 0.2517

Previews

White Background



This preview shows how the Yxy color 44.1094, 0.4306, 0.3643 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 44.1094, 0.4306, 0.3643 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 44.1094, 0.4306, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 44.1094, 0.4306, 0.3643.



This preview shows how white text looks on a background with the Yxy color 44.1094, 0.4306, 0.3643.

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

44.1094, 0.4306, 0.3643

Protanopia

44.0849, 0.3619, 0.3874

Deuteranopia

44.1270, 0.3968, 0.3893



Tritanopia

44.1543, 0.3969, 0.3172

Trichromacy



Original Color

44.1094, 0.4306, 0.3643

Protanomaly

43.5429, 0.3863, 0.3779

Deuteranomaly

44.0034, 0.4093, 0.3800

Tritanomaly

44.1537, 0.4098, 0.3348

Monochromacy



Original Color

44.1094, 0.4306, 0.3643

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.6356, 0.3523, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1094, 0.4306, 0.3643 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(242, 156, 124)` looks like.

```
.text, #text, p{  
    color:rgb(242, 156, 124)  
}
```

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(242, 156, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 156, 124) }
```

Border

The CSS property to change the border of an element to Yxy 44.1094, 0.4306, 0.3643 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(242, 156, 124) }
```

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

```
.border{ border-color:rgb(242, 156, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 156, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 156, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 156, 124); box-shadow:4px 4px 4px 4px rgb(242, 156, 124) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1094, 0.4306, 0.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 156, 124) }
```

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

```
.background{ background-color: rgb(242,  
156, 124) }
```

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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