

Converting Colors

$Yxy(41.8558, 0.4330, 0.3652)$

Have a look what the booklet for
Yxy(41.8558, 0.4330, 0.3652)
contains.

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Color

Yxy(41.8171, 0.4324, 0.3649)

Conversions

Conversions Part 1

Format	Color
Hex	ED9878
RGB	237, 152, 120
RGB Percent	93%, 60%, 47%
CMY	0.0704, 0.4040, 0.5294
CMYK	0.00, 0.36, 0.49, 0.07
HSL	16°, 77%, 70%
HSV	16°, 49%, 93%
XYZ	49.5525, 41.8171, 23.2292
YIQ	173.7670, 60.9320, 8.0680

Conversions

Conversions Part 2

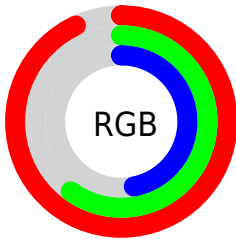
Format	Color
R _Y B	237, 164, 120
Decimal	15571064
CIE Lab	70.74, 28.52, 30.05
CIE LCh	71, 41.433, 46.500
Yxy	41.8171, 0.4324, 0.3649
Android (android.graphics.Color)	4293761144 (0xFFED9878)
YUV	173.7670, -26.5071, 55.4553
Hunter-Lab	64.6661, 23.6156, 23.9683

Details

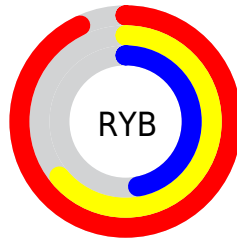
The Yxy color **41.8171, 0.4324, 0.3649** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **53.7965, 0.2402, 0.2879**, and the grayscale version is **42.3179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9028, 0.3760, 0.3644**, and **19.0343, 0.4675, 0.3699** is the 20% darker color. If you saturate the color by 10%, you get **36.1223, 0.4686, 0.3704**, and if you desaturate by 10%, it is **48.4705, 0.4001, 0.3579**.

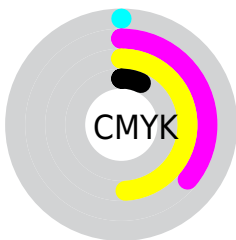
Distribution



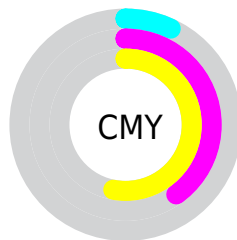
- Red (93%)
- Green (60%)
- Blue (47%)



- Red (93%)
- Yellow (64%)
- Blue (47%)



- Cyan (0%)
- Magenta (36%)
- Yellow (49%)
- Black (7%)





- Cyan (7%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8171, 0.4324, 0.3649 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 41.8171, 0.4324, 0.3649 by changing the saturation by 10% instead.

 41.8171, 0.4324,
0.3649


 41.8171, 0.4324,
0.3649

353.7242, 0.3712,
0.3498

 28.9581, 0.4477,
0.3675


 77.9227, 0.4101,
0.3602

 19.0491, 0.4672,
0.3702


 101.9382, 0.4017,
0.3582

 11.7058, 0.4928,
0.3724


 130.4412, 0.3946,
0.3564

 6.5437, 0.5271,
0.3728

163.8162, 0.3886,
0.3548

 3.1784, 0.5812,
0.3721

202.4476, 0.3834,
0.3534

 1.2256, 0.6485,
0.3515

246.7198, 0.3788,

 0.0824, 0.9038,

0.3521

0.0962

297.0172, 0.3748,
0.3509

■ 0.0000, 0.0000,
0.0000

■ 41.8171, 0.4324,
0.3649

■ 41.8171, 0.4324,
0.3649

■ 36.1223, 0.4686,
0.3704

■ 48.4705, 0.4001,
0.3579

■ 31.3344, 0.5070,
0.3734

■ 56.1186, 0.3721,
0.3504

■ 27.4057, 0.5449,
0.3726

■ 64.8032, 0.3484,
0.3428

■ 24.2814, 0.5781,
0.3673

■ 74.5618, 0.3284,
0.3354

■ 21.8941, 0.6036,
0.3583

■ 85.4300, 0.3118,
0.3286

■ 21.7664, 0.6051,
0.3578

■ 96.7507, 0.3018,
0.3290

Harmonies

Analogous

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



41.8171, 0.4100, 0.3186



41.8171, 0.4324, 0.3649



41.8171, 0.4187, 0.4080

Triad

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



41.8171, 0.4324, 0.3649



41.8171, 0.2631, 0.3897



41.8171, 0.2454, 0.2353

Complementary

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



41.8171, 0.4324, 0.3649



53.7965, 0.2402, 0.2879

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.



41.8171, 0.2140, 0.2436



41.8171, 0.4324, 0.3649



41.8171, 0.2228, 0.3284

Square

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



41.8171, 0.4324, 0.3649



41.8171, 0.3191, 0.4317



41.8171, 0.2061, 0.2751



41.8171, 0.2969, 0.2477

Rectangle

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



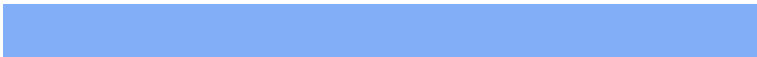
41.8171, 0.4324, 0.3649



41.8171, 0.3928, 0.4292



41.8171, 0.2061, 0.2751



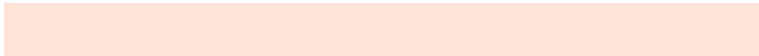
41.8171, 0.2324, 0.2356

Sweetspot

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



41.8192, 0.4324, 0.3649



81.3065, 0.3393, 0.3396



35.8919, 0.3493, 0.2375



16.8913, 0.3437, 0.3411



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.



41.8192, 0.4324, 0.3649



42.7263, 0.4680, 0.3704



65.3259, 0.3987, 0.4248



15.7239, 0.3286, 0.3355



12.0669, 0.6022, 0.3600



1.1033, 0.5751, 0.3816

Inverse Universe

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



53.7965, 0.2402, 0.2879



58.2294, 0.2285, 0.2781



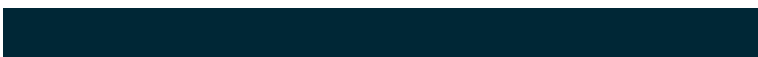
31.0736, 0.2250, 0.2086



16.3852, 0.2981, 0.3224



19.7241, 0.1994, 0.2378



1.7076, 0.2033, 0.2519

Previews

White Background



This preview shows how the Yxy color 41.8171, 0.4324, 0.3649 looks on a white background.

Color Contrast Check

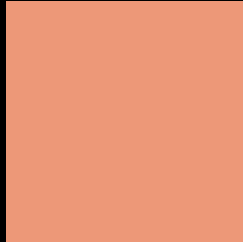
Large Text (above 18pt) WCAG AA × Fail

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 41.8171, 0.4324, 0.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

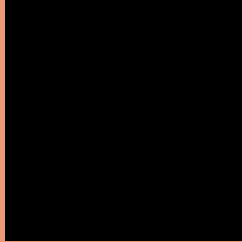
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8171, 0.4324, 0.3649

Background



This preview shows how black text looks on a background with the Yxy color 41.8171, 0.4324, 0.3649.



This preview shows how white text looks on a background with the Yxy color 41.8171, 0.4324, 0.3649.

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

41.8171, 0.4324, 0.3649

Protanopia

41.9112, 0.3630, 0.3886

Deuteranopia

41.9667, 0.3987, 0.3904



Tritanopia

41.8613, 0.3979, 0.3170

Trichromacy



Original Color

41.8171, 0.4324, 0.3649

Protanomaly

41.3958, 0.3879, 0.3788

Deuteranomaly

41.8578, 0.4115, 0.3808

Tritanomaly

41.8592, 0.4110, 0.3349

Monochromacy



Original Color

41.8171, 0.4324, 0.3649

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.4758, 0.3532, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8171, 0.4324, 0.3649 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, 152, 120)` looks like.

```
.text, #text, p{  
    color:rgb(237, 152, 120)  
}
```

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, 152, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 152, 120) }
```

Border

The CSS property to change the border of an element to Yxy 41.8171, 0.4324, 0.3649 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, 152, 120) }
```

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

```
.border{ border-color:rgb(237, 152, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 152, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 152, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 152, 120);  
box-shadow:4px 4px 4px 4px rgb(237, 152,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8171, 0.4324, 0.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 152, 120) }
```

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

```
.background{ background-color: rgb(237,  
152, 120) }
```

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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