

Converting Colors

Yxy(33.5514, 0.4572, 0.3681)

Have a look what the booklet for
Yxy(33.5514, 0.4572, 0.3681)
contains.

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Color

Yxy(33.3919, 0.4576, 0.3681)

Conversions

Conversions Part 1

Format	Color
Hex	E18462
RGB	225, 132, 98
RGB Percent	88%, 52%, 38%
CMY	0.1176, 0.4824, 0.6157
CMYK	0.00, 0.41, 0.56, 0.12
HSL	16°, 68%, 63%
HSV	16°, 56%, 88%
XYZ	41.5108, 33.3919, 15.8115
YIQ	155.9310, 66.3420, 9.1420

Conversions

Conversions Part 2

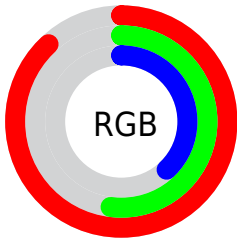
Format	Color
R _Y B	225, 144, 98
Decimal	14779490
CIE Lab	64.48, 32.47, 33.63
CIE LCh	64, 46.747, 46.005
Yxy	33.3919, 0.4576, 0.3681
Android (android.graphics.Color)	4292969570 (0xFFE18462)
YUV	155.9310, -28.5600, 60.5735
Hunter-Lab	57.7857, 27.1018, 24.2269

Details

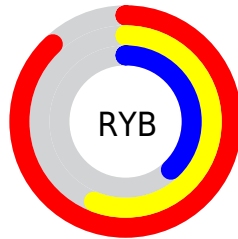
The Yxy color **33.3919, 0.4576, 0.3681** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.3019, 0.2320, 0.2821**, and the grayscale version is **33.3215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5477, 0.4036, 0.3679**, and **14.2221, 0.5036, 0.3722** is the 20% darker color. If you saturate the color by 10%, you get **28.9050, 0.4957, 0.3719**, and if you desaturate by 10%, it is **38.7076, 0.4224, 0.3622**.

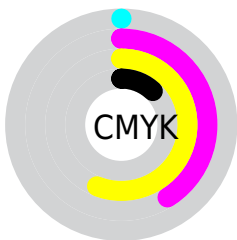
Distribution



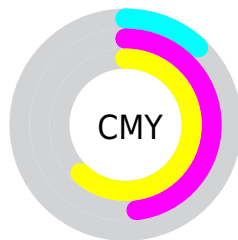
- Red (88%)
- Green (52%)
- Blue (38%)



- Red (88%)
- Yellow (56%)
- Blue (38%)



- Cyan (0%)
- Magenta (41%)
- Yellow (56%)
- Black (12%)





- Cyan (12%)
- Magenta (48%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.3919, 0.4576, 0.3681 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 33.3919, 0.4576, 0.3681 by changing the saturation by 10% instead.


 33.3919, 0.4576,
0.3681


 33.3919, 0.4576,
0.3681


317.4120, 0.3813,
0.3523


 22.4268, 0.4772,
0.3702


 64.9869, 0.4293,
0.3636

 14.1709, 0.5024,
0.3717


 86.3856, 0.4188,
0.3615

 8.2396, 0.5355,
0.3712


 112.0310, 0.4100,
0.3596

 4.2486, 0.5816,
0.3667

 142.3075, 0.4025,
0.3578

 1.8136, 0.6484,
0.3516

177.5994, 0.3960,
0.3562

 0.4956, 0.7297,
0.2703

218.2912, 0.3905,

 0.0000, 1.0000,

0.3548

0.0000

264.7673, 0.3856,
0.3535

0.0000, 0.0000,
0.0000

33.3919, 0.4576,
0.3681

33.3919, 0.4576,
0.3681

28.9050, 0.4957,
0.3719

38.7076, 0.4224,
0.3622

25.1984, 0.5343,
0.3723

44.8869, 0.3913,
0.3551

22.2261, 0.5695,
0.3684

51.9688, 0.3647,
0.3477

19.9338, 0.5975,
0.3603

59.9884, 0.3421,
0.3403

19.2662, 0.6059,
0.3571

68.9787, 0.3232,
0.3333

■ 78.9712, 0.3074,
0.3267

■ 89.9633, 0.2945,
0.3212

■ 94.7501, 0.2946,
0.3289

Harmonies

Analogous

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



33.3919, 0.4304, 0.3142



33.3919, 0.4576, 0.3681



33.3919, 0.4400, 0.4204

Triad

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



33.3919, 0.4576, 0.3681



33.3919, 0.2529, 0.4052



33.3919, 0.2312, 0.2180

Complementary

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



33.3919, 0.4576, 0.3681



45.3019, 0.2320, 0.2821

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.



33.3919, 0.1954, 0.2270



33.3919, 0.4576, 0.3681



33.3919, 0.2057, 0.3281

Square

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



33.3919, 0.4576, 0.3681



33.3919, 0.3197, 0.4568



33.3919, 0.1865, 0.2635



33.3919, 0.2917, 0.2325

Rectangle

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



33.3919, 0.4576, 0.3681



33.3919, 0.4083, 0.4482



33.3919, 0.1865, 0.2635



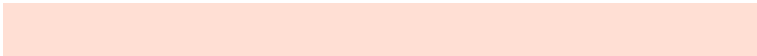
33.3919, 0.2163, 0.2182

Sweetspot

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



33.3936, 0.4576, 0.3681



78.9070, 0.3435, 0.3408



28.5128, 0.3563, 0.2265



16.4100, 0.3478, 0.3423



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.



33.3936, 0.4576, 0.3681



37.3056, 0.5036, 0.3722



56.0918, 0.4112, 0.4364



14.2944, 0.3285, 0.3353



11.2652, 0.6032, 0.3593



0.9264, 0.5727, 0.3834

Inverse Universe

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



45.3019, 0.2320, 0.2821



54.3932, 0.2195, 0.2701



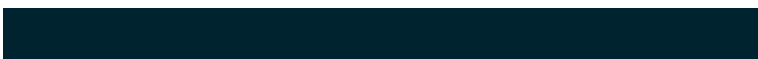
23.3767, 0.2120, 0.1884



14.9191, 0.2982, 0.3226



18.7941, 0.2000, 0.2400



1.4477, 0.2043, 0.2554

Previews

White Background



This preview shows how the Yxy color 33.3919, 0.4576, 0.3681 looks on a white background.

Color Contrast Check

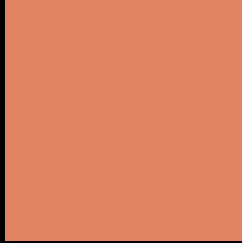
Large Text (above 18pt) WCAG AA × Fail

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 33.3919, 0.4576, 0.3681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

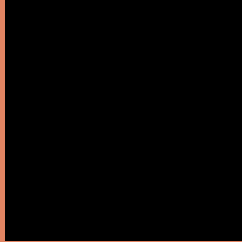
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.3919, 0.4576, 0.3681

Background



This preview shows how black text looks on a background with the Yxy color 33.3919, 0.4576, 0.3681.



This preview shows how white text looks on a background with the Yxy color 33.3919, 0.4576, 0.3681.

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

33.3919, 0.4576, 0.3681

Protanopia

33.7427, 0.3725, 0.4011

Deuteranopia

33.5680, 0.4116, 0.4044



Tritanopia

33.4503, 0.4197, 0.3189

Trichromacy



Original Color

33.3919, 0.4576, 0.3681

Protanomaly

33.1264, 0.4032, 0.3891

Deuteranomaly

33.1677, 0.4297, 0.3903

Tritanomaly

33.4365, 0.4344, 0.3375

Monochromacy



Original Color

33.3919, 0.4576, 0.3681

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.4405, 0.3614, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3919, 0.4576, 0.3681 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(225, 132, 98)` looks like.

```
.text, #text, p{  
    color:rgb(225, 132, 98)  
}
```

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(225, 132, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 132, 98) }
```

Border

The CSS property to change the border of an element to Yxy 33.3919, 0.4576, 0.3681 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(225, 132, 98) }
```

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

```
.border{ border-color:rgb(225, 132, 98) }
```

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

Here you see how a box with a 4 pixel rgb(225, 132, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 132, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 132, 98);  
box-shadow:4px 4px 4px 4px rgb(225, 132,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3919, 0.4576, 0.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 132, 98) }
```

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

```
.background{ background-color: rgb(225,  
132, 98) }
```

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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