

Converting Colors

$Y_{xy}(44.5963, 0.4395, 0.3514)$

Have a look what the booklet for
Yxy(44.5963, 0.4395, 0.3514)
contains.

Yxy(44.4685, 0.4402, 0.3512)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.4685, 0.4402, 0.3512)

Conversions

Conversions Part 1

Format	Color
Hex	FE9681
RGB	254, 150, 129
RGB Percent	100%, 59%, 51%
CMY	0.0040, 0.4117, 0.4941
CMYK	0.00, 0.41, 0.49, 0.00
HSL	10°, 98%, 75%
HSV	10°, 49%, 100%
XYZ	55.7376, 44.4685, 26.4127
YIQ	178.7020, 68.7250, 15.5170

Conversions

Conversions Part 2

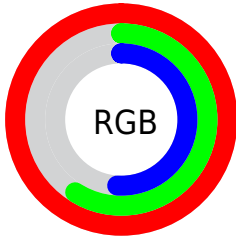
Format	Color
RYB	254, 154, 129
Decimal	16684673
CIELab	72.54, 36.87, 27.92
CIELCh	73, 46.251, 37.138
Yxy	44.4685, 0.4402, 0.3512
Android (android.graphics.Color)	4294874753 (0xFFFE9681)
YUV	178.7020, -24.5031, 66.0363
Hunter-Lab	66.6847, 32.4987, 23.1955

Details

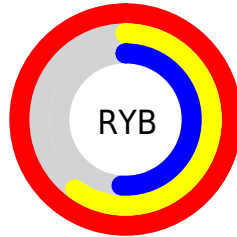
The Yxy color **44.4685, 0.4402, 0.3512** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.0795, 0.2433, 0.3041**, and the grayscale version is **45.0196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.3000, 0.3696, 0.3530**, and **20.5979, 0.4768, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **37.7307, 0.4806, 0.3543**, and if you desaturate by 10%, it is **52.5943, 0.4046, 0.3470**.

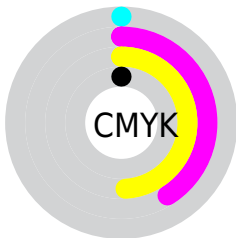
Distribution



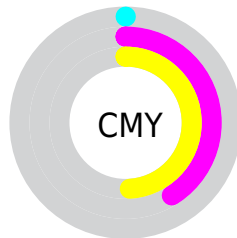
- Red (100%)
- Green (59%)
- Blue (51%)



- Red (100%)
- Yellow (60%)
- Blue (51%)



- Cyan (0%)
- Magenta (41%)
- Yellow (49%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4685, 0.4402, 0.3512 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 44.4685, 0.4402, 0.3512 by changing the saturation by 10% instead.


 44.4685, 0.4402,
0.3512

 44.4685, 0.4402,
0.3512


364.6167, 0.3756,
0.3434

 31.0390, 0.4563,
0.3520


 81.9223, 0.4167,
0.3492

 20.6285, 0.4767,
0.3524


 106.7153, 0.4079,
0.3482

 12.8528, 0.5033,
0.3517


 136.0650, 0.4004,
0.3472

 7.3272, 0.5391,
0.3486

170.3557, 0.3940,
0.3463

 3.6676, 0.5893,
0.3398

209.9718, 0.3884,
0.3455

 1.4894, 0.6760,
0.3240

255.2978, 0.3836,

 0.2813, 0.8115,

0.3447

0.1885

306.7179, 0.3793,
0.3440

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.4685, 0.4402,
0.3512

44.4685, 0.4402,
0.3512

37.7307, 0.4806,
0.3543

52.5943, 0.4046,
0.3470

32.2959, 0.5238,
0.3555

62.1730, 0.3743,
0.3423

28.0806, 0.5656,
0.3538

73.2737, 0.3492,
0.3375

24.9882, 0.6004,
0.3490

85.9591, 0.3285,
0.3329

■ 22.9023, 0.6241,
0.3420

99.8080, 0.3121,
0.3290

■ 22.7750, 0.6256,
0.3415

Harmonies

Analogous

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



44.4685, 0.4041, 0.3024



44.4685, 0.4402, 0.3512



44.4685, 0.4366, 0.4002

Triad

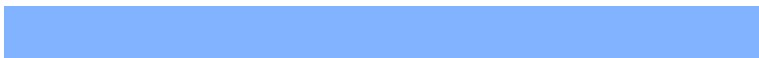
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.4685, 0.4402, 0.3512



44.4685, 0.2760, 0.4142



44.4685, 0.2265, 0.2278

Complementary

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



44.4685, 0.4402, 0.3512



70.0795, 0.2433, 0.3041

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.



44.4685, 0.2005, 0.2438



44.4685, 0.4402, 0.3512



44.4685, 0.2260, 0.3492

Square

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



44.4685, 0.4402, 0.3512



44.4685, 0.3391, 0.4481



44.4685, 0.2000, 0.2855



44.4685, 0.2759, 0.2348

Rectangle

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



44.4685, 0.4402, 0.3512



44.4685, 0.4141, 0.4279



44.4685, 0.2000, 0.2855



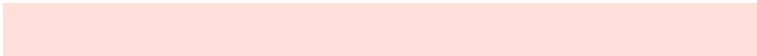
44.4685, 0.2151, 0.2304

Sweetspot

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



44.4708, 0.4402, 0.3512



79.1298, 0.3400, 0.3355



42.6595, 0.3371, 0.2267



16.3729, 0.3445, 0.3365



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.



44.4708, 0.4402, 0.3512



38.1966, 0.4798, 0.3543



69.9010, 0.4050, 0.4136



18.4805, 0.3290, 0.3331



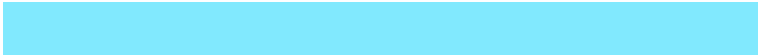
12.1507, 0.6234, 0.3432



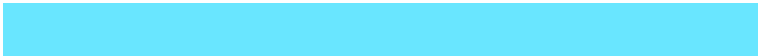
1.3146, 0.6041, 0.3586

Inverse Universe

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



70.0795, 0.2433, 0.3041



66.6217, 0.2329, 0.2982



40.8188, 0.2281, 0.2246



19.9308, 0.2980, 0.3249



28.5986, 0.2095, 0.2743



2.9162, 0.2115, 0.2812

Previews

White Background



This preview shows how the Yxy color 44.4685, 0.4402, 0.3512 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 44.4685, 0.4402, 0.3512 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 44.4685, 0.4402, 0.3512

Background



This preview shows how black text looks on a background with the Yxy color 44.4685, 0.4402, 0.3512.



This preview shows how white text looks on a background with the Yxy color 44.4685, 0.4402, 0.3512.

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

44.4685, 0.4402, 0.3512

Protanopia

44.7409, 0.3539, 0.3766

Deuteranopia

44.6035, 0.3927, 0.3857



Tritanopia

44.5618, 0.4132, 0.3188

Trichromacy



Original Color

44.4685, 0.4402, 0.3512



Protanomaly

43.9575, 0.3841, 0.3674



Deuteranomaly

44.0316, 0.4105, 0.3724



Tritanomaly

44.5464, 0.4235, 0.3304

Monochromacy



Original Color

44.4685, 0.4402, 0.3512



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.7003, 0.3548, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4685, 0.4402, 0.3512 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(254, 150, 129)` looks like.

```
.text, #text, p{  
    color:rgb(254, 150, 129)  
}
```

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(254, 150, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 150, 129) }
```

Border

The CSS property to change the border of an element to Yxy 44.4685, 0.4402, 0.3512 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(254, 150, 129) }
```

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

```
.border{ border-color:rgb(254, 150, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 150, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 150, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 150, 129);  
box-shadow:4px 4px 4px 4px rgb(254, 150,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4685, 0.4402, 0.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 150, 129) }
```

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

```
.background{ background-color: rgb(254,  
150, 129) }
```

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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