

Converting Colors

$Y_{xy}(29.5805, 0.3360, 0.3784)$

Have a look what the booklet for
Yxy(29.5805, 0.3360, 0.3784)
contains.

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Color

Yxy(29.5334, 0.3352, 0.3780)

Conversions

Conversions Part 1

Format	Color
Hex	919779
RGB	145, 151, 121
RGB Percent	57%, 59%, 47%
CMY	0.4315, 0.4078, 0.5255
CMYK	0.04, 0.00, 0.20, 0.41
HSL	72°, 13%, 53%
HSV	72°, 20%, 59%
XYZ	26.1894, 29.5334, 22.4079
YIQ	145.7860, 6.0540, -10.6020

Conversions

Conversions Part 2

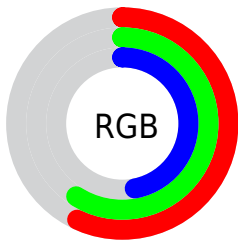
Format	Color
RYB	121, 151, 127
Decimal	9541497
CIELab	61.25, -7.61, 15.11
CIElCh	61, 16.917, 116.736
Yxy	29.5334, 0.3352, 0.3780
Android (android.graphics.Color)	4287731577 (0xFF919779)
YUV	145.7860, -12.2195, -0.6893
Hunter-Lab	54.3446, -9.0816, 13.5943

Details

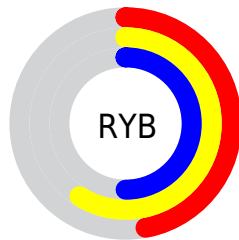
The Yxy color $29.5334, 0.3352, 0.3780$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $20.4248, 0.2874, 0.2771$, and the grayscale version is $28.6996, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.8219, 0.3311, 0.3680$, and $11.9619, 0.3425, 0.3961$ is the 20% darker color. If you saturate the color by 10%, you get $28.9198, 0.3464, 0.4039$, and if you desaturate by 10%, it is $30.2150, 0.3238, 0.3528$.

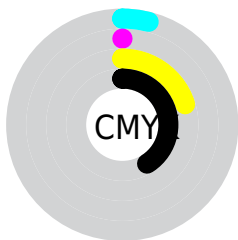
Distribution



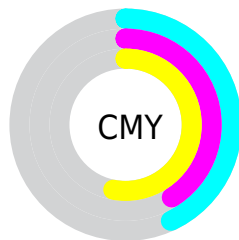
- Red (57%)
- Green (59%)
- Blue (47%)



- Red (47%)
- Yellow (59%)
- Blue (50%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (41%)





- Cyan (43%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5334, 0.3352, 0.3780 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 29.5334, 0.3352, 0.3780 by changing the saturation by 10% instead.


 29.5334, 0.3352,
0.3780


 29.5334, 0.3352,
0.3780


299.7234, 0.3234,
0.3512

 19.4847, 0.3383,
0.3855


 58.9235, 0.3308,
0.3677

 12.0210, 0.3424,
0.3958


 79.0337, 0.3291,
0.3640

 6.7580, 0.3480,
0.4105


 103.2665, 0.3278,
0.3609

 3.3112, 0.3559,
0.4332

132.0063, 0.3266,
0.3584

 1.2963, 0.3870,
0.4979

165.6375, 0.3256,
0.3562

 0.1383, 0.0000,
1.0000

204.5445, 0.3248,

 0.0000, 0.0000,

0.3543

0.0000

249.1117, 0.3240,
0.3527

■ 29.5334, 0.3352,
0.3780

■ 29.5334, 0.3352,
0.3780

■ 28.9198, 0.3464,
0.4039

■ 30.2150, 0.3238,
0.3528

■ 28.3676, 0.3570,
0.4296

■ 30.9633, 0.3126,
0.3287

■ 27.8751, 0.3666,
0.4544

■ 31.7821, 0.3017,
0.3062

■ 27.4391, 0.3746,
0.4772

■ 32.6735, 0.2915,
0.2853

■ 27.0560, 0.3806,
0.4970

■ 33.6399, 0.2818,
0.2661

■ 26.7218, 0.3842,
0.5130

■ 34.6832, 0.2729,
0.2487

■ 26.4317, 0.3853,
0.5245

■ 35.8055, 0.2646,
0.2329

■ 26.1742, 0.3846,
0.5327

■ 37.0088, 0.2571,
0.2187

■ 26.1711, 0.3846,
0.5328

■ 38.1711, 0.2513,
0.2075

Harmonies

Analogous

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



29.5334, 0.3573, 0.3726



29.5334, 0.3352, 0.3780



29.5334, 0.3078, 0.3688

Triad

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



29.5334, 0.3352, 0.3780



29.5334, 0.2609, 0.2988



29.5334, 0.3429, 0.3110

Complementary

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



29.5334, 0.3352, 0.3780



20.4248, 0.2874, 0.2771

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.



29.5334, 0.3158, 0.2933



29.5334, 0.3352, 0.3780



29.5334, 0.2692, 0.2857

Square

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



29.5334, 0.3352, 0.3780



29.5334, 0.2656, 0.3212



29.5334, 0.2890, 0.2841



29.5334, 0.3621, 0.3335

Rectangle

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



29.5334, 0.3352, 0.3780



29.5334, 0.2902, 0.3555



29.5334, 0.2890, 0.2841



29.5334, 0.3344, 0.3044

Sweetspot

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



29.5347, 0.3352, 0.3780



54.5884, 0.3196, 0.3436



23.1400, 0.3488, 0.3391



12.3897, 0.3202, 0.3450



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.5347, 0.3352, 0.3780



52.3604, 0.3404, 0.3899



28.2645, 0.3194, 0.3805



7.1600, 0.3231, 0.3512



22.2716, 0.3848, 0.5326



0.3472, 0.4013, 0.5196

Inverse Universe

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



20.4248, 0.2874, 0.2771



32.9114, 0.2805, 0.2635



21.6605, 0.3044, 0.2796



6.0834, 0.3018, 0.3062



2.1518, 0.1615, 0.0663



0.0450, 0.1971, 0.0859

Previews

White Background



This preview shows how the Yxy color 29.5334, 0.3352, 0.3780 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5334, 0.3352, 0.3780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

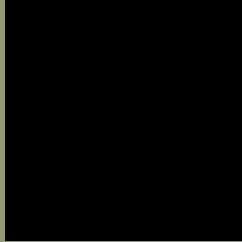
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

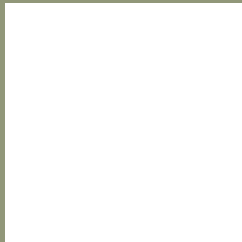
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.5334, 0.3352, 0.3780

Background



This preview shows how black text looks on a background with the Yxy color 29.5334, 0.3352, 0.3780.



This preview shows how white text looks on a background with the Yxy color 29.5334, 0.3352, 0.3780.

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

29.5334, 0.3352, 0.3780

Protanopia

29.3674, 0.3516, 0.3732

Deuteranopia

29.4340, 0.3650, 0.3576



Tritanopia

29.5104, 0.3054, 0.3105

Trichromacy



Original Color

29.5334, 0.3352, 0.3780

Protanomaly

29.3082, 0.3458, 0.3737

Deuteranomaly

29.3373, 0.3548, 0.3647

Tritanomaly

29.5200, 0.3156, 0.3338

Monochromacy



Original Color

29.5334, 0.3352, 0.3780

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.0969, 0.3213, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5334, 0.3352, 0.3780 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(145, 151, 121)` looks like.

```
.text, #text, p{  
    color:rgb(145, 151, 121)  
}
```

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(145, 151, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 151, 121) }
```

Border

The CSS property to change the border of an element to Yxy 29.5334, 0.3352, 0.3780 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(145, 151, 121) }
```

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

```
.border{ border-color:rgb(145, 151, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 151, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 151, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 151, 121); box-shadow:4px 4px 4px 4px rgb(145, 151, 121) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5334, 0.3352, 0.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 151, 121) }
```

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

```
.background{ background-color: rgb(145,  
151, 121) }
```

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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