

Converting Colors

$Y_{xy}(29.5634, 0.3424, 0.3749)$

Have a look what the booklet for
Yxy(29.5634, 0.3424, 0.3749)
contains.

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Color

Yxy(29.4547, 0.3423, 0.3739)

Conversions

Conversions Part 1

Format	Color
Hex	979579
RGB	151, 149, 121
RGB Percent	59%, 58%, 47%
CMY	0.4077, 0.4157, 0.5254
CMYK	0.00, 0.01, 0.20, 0.41
HSL	56°, 13%, 53%
HSV	56°, 20%, 59%
XYZ	26.9653, 29.4547, 22.3569
YIQ	146.4060, 10.1800, -8.2840

Conversions

Conversions Part 2

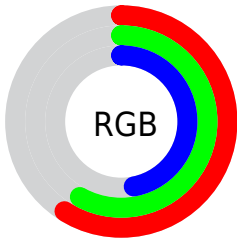
Format	Color
R_{YB}	123, 151, 121
Decimal	9934201
CIE Lab	61.18, -4.13, 15.08
CIE LCh	61, 15.636, 105.326
Yxy	29.4547, 0.3423, 0.3739
Android (android.graphics.Color)	4288124281 (0xFF979579)
YUV	146.4060, -12.5252, 4.0289
Hunter-Lab	54.2722, -6.2879, 13.5666

Details

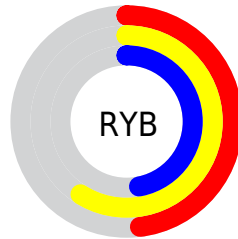
The Yxy color $29.4547, 0.3423, 0.3739$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $20.4780, 0.2809, 0.2798$, and the grayscale version is $28.9716, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.7081, 0.3363, 0.3651$, and $11.9126, 0.3531, 0.3897$ is the 20% darker color. If you saturate the color by 10%, you get $28.7919, 0.3577, 0.3969$, and if you desaturate by 10%, it is $30.1810, 0.3271, 0.3510$.

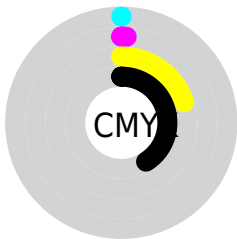
Distribution



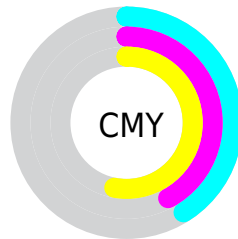
- Red (59%)
- Green (58%)
- Blue (47%)



- Red (48%)
- Yellow (59%)
- Blue (47%)



- Cyan (0%)
- Magenta (1%)
- Yellow (20%)
- Black (41%)




- Cyan (41%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4547, 0.3423, 0.3739 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 29.4547, 0.3423, 0.3739 by changing the saturation by 10% instead.

 29.4547, 0.3423,
0.3739


 29.4547, 0.3423,
0.3739


299.3543, 0.3265,
0.3495

 19.4251, 0.3466,
0.3807


 58.7987, 0.3363,
0.3645

 11.9778, 0.3522,
0.3898


 78.8819, 0.3342,
0.3612

 6.7286, 0.3600,
0.4029


 103.0851, 0.3324,
0.3584

 3.2929, 0.3715,
0.4227

131.7926, 0.3308,
0.3561

 1.2865, 0.4100,
0.4804

165.3889, 0.3295,
0.3541

 0.1307, 0.1516,
0.8484

204.2584, 0.3284,

 0.0000, 0.0000,

0.3524

0.0000

248.7854, 0.3274,
0.3509

■ 29.4547, 0.3423,
0.3739

■ 29.4547, 0.3423,
0.3739

■ 28.7919, 0.3577,
0.3969

■ 30.1810, 0.3271,
0.3510

■ 28.1859, 0.3729,
0.4192

■ 30.9694, 0.3125,
0.3287

■ 27.6352, 0.3874,
0.4400

■ 31.8235, 0.2988,
0.3075

■ 27.1365, 0.4006,
0.4584

■ 32.7456, 0.2860,
0.2876

■ 26.6864, 0.4118,
0.4735

■ 33.7379, 0.2742,
0.2692

■ 26.2808, 0.4207,
0.4848

■ 34.8024, 0.2634,
0.2522

■ 25.9152, 0.4270,
0.4918

■ 35.9410, 0.2536,
0.2367

■ 25.5779, 0.4314,
0.4956

■ 37.1556, 0.2448,
0.2226

■ 25.5737, 0.4315,
0.4956

■ 38.3226, 0.2378,
0.2116

Harmonies

Analogous

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



29.4547, 0.3590, 0.3646



29.4547, 0.3423, 0.3739



29.4547, 0.3180, 0.3705

Triad

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



29.4547, 0.3423, 0.3739



29.4547, 0.2649, 0.3082



29.4547, 0.3316, 0.3053

Complementary

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



29.4547, 0.3423, 0.3739



20.4780, 0.2809, 0.2798

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.



29.4547, 0.3058, 0.2915



29.4547, 0.3423, 0.3739



29.4547, 0.2680, 0.2923

Square

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



29.4547, 0.3423, 0.3739



29.4547, 0.2738, 0.3311



29.4547, 0.2827, 0.2866



29.4547, 0.3529, 0.3251

Rectangle

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



29.4547, 0.3423, 0.3739



29.4547, 0.3010, 0.3610



29.4547, 0.2827, 0.2866



29.4547, 0.3231, 0.2999

Sweetspot

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



29.4560, 0.3423, 0.3739



54.5456, 0.3216, 0.3425



21.7027, 0.3476, 0.3249



12.3790, 0.3224, 0.3438



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.



29.4560, 0.3423, 0.3739



52.1706, 0.3494, 0.3845



28.9705, 0.3283, 0.3791



7.1513, 0.3262, 0.3495



21.7643, 0.4314, 0.4957



0.3439, 0.4255, 0.5004

Inverse Universe

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



20.4780, 0.2809, 0.2798



33.0041, 0.2726, 0.2667



20.9419, 0.2946, 0.2782



6.0902, 0.2988, 0.3076



2.1069, 0.1516, 0.0658



0.0472, 0.1593, 0.0934

Previews

White Background



This preview shows how the Yxy color 29.4547, 0.3423, 0.3739 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 29.4547, 0.3423, 0.3739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

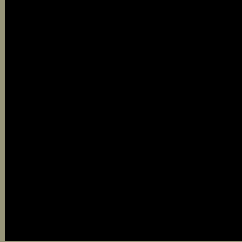
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

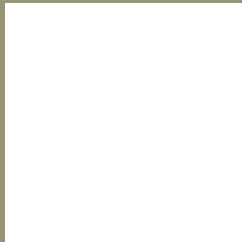
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.4547, 0.3423, 0.3739

Background



This preview shows how black text looks on a background with the Yxy color 29.4547, 0.3423, 0.3739.



This preview shows how white text looks on a background with the Yxy color 29.4547, 0.3423, 0.3739.

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

29.4547, 0.3423, 0.3739

Protanopia

29.2914, 0.3494, 0.3717

Deuteranopia

29.4091, 0.3661, 0.3591



Tritanopia

29.4147, 0.3136, 0.3107

Trichromacy



Original Color

29.4547, 0.3423, 0.3739

Protanomaly

29.4059, 0.3469, 0.3736

Deuteranomaly

29.5485, 0.3570, 0.3644

Tritanomaly

29.4110, 0.3241, 0.3337

Monochromacy



Original Color

29.4547, 0.3423, 0.3739

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.9695, 0.3235, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4547, 0.3423, 0.3739 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(151, 149, 121)` looks like.

```
.text, #text, p{  
    color:rgb(151, 149, 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(151, 149, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 149, 121) }
```

Border

The CSS property to change the border of an element to Yxy 29.4547, 0.3423, 0.3739 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(151, 149, 121) }
```

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

```
.border{ border-color:rgb(151, 149, 121) }
```

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

Here you see how a box with a 4 pixel rgb(151, 149, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 149, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 149, 121);  
box-shadow:4px 4px 4px 4px rgb(151, 149,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4547, 0.3423, 0.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 149, 121) }
```

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

```
.background{ background-color: rgb(151,  
149, 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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