

Converting Colors

$Y_{xy}(27.4572, 0.3391, 0.3562)$

Have a look what the booklet for
Yxy(27.4572, 0.3391, 0.3562)
contains.

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Color

Yxy(27.4060, 0.3401, 0.3566)

Conversions

Conversions Part 1

Format	Color
Hex	978E7D
RGB	151, 142, 125
RGB Percent	59%, 56%, 49%
CMY	0.4078, 0.4431, 0.5099
CMYK	0.00, 0.06, 0.17, 0.41
HSL	39°, 11%, 54%
HSV	39°, 17%, 59%
XYZ	26.1379, 27.4060, 23.3097
YIQ	142.7530, 10.8210, -3.3790

Conversions

Conversions Part 2

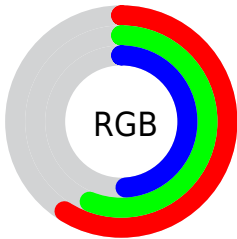
Format	Color
R_{YB}	139, 151, 125
Decimal	9932413
CIE _{Lab}	59.35, 0.37, 10.27
CIE _{LCh}	59, 10.274, 87.931
Yxy	27.4060, 0.3401, 0.3566
Android (android.graphics.Color)	4288122493 (0xFF978E7D)
YUV	142.7530, -8.7522, 7.2326
Hunter-Lab	52.3507, -2.4915, 10.2460

Details

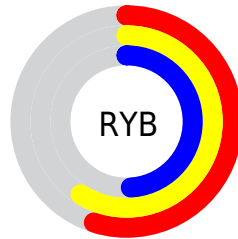
The Yxy color $27.4060, 0.3401, 0.3566$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $23.6430, 0.2861, 0.2998$, and the grayscale version is $27.3976, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.6733, 0.3337, 0.3508$, and $10.8854, 0.3502, 0.3670$ is the 20% darker color. If you saturate the color by 10%, you get $25.5308, 0.3581, 0.3734$, and if you desaturate by 10%, it is $29.4153, 0.3236, 0.3403$.

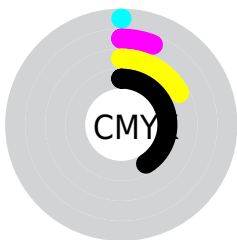
Distribution



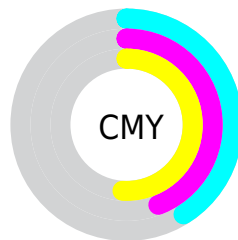
- Red (59%)
- Green (56%)
- Blue (49%)



- Red (55%)
- Yellow (59%)
- Blue (49%)



- Cyan (0%)
- Magenta (6%)
- Yellow (17%)
- Black (41%)



- Cyan (41%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.4060, 0.3401, 0.3566 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 27.4060, 0.3401, 0.3566 by changing the saturation by 10% instead.

■ 27.4060, 0.3401,
0.3566

■ 27.4060, 0.3401,
0.3566

289.6176, 0.3252,
0.3416

■ 17.8784, 0.3443,
0.3608

■ 55.5347, 0.3344,
0.3508

■ 10.8627, 0.3499,
0.3665

■ 74.9045, 0.3323,
0.3488

■ 5.9746, 0.3581,
0.3746

■ 98.3239, 0.3306,
0.3471

■ 2.8296, 0.3706,
0.3871

126.1772, 0.3292,
0.3456

■ 1.0434, 0.4082,
0.4251

158.8488, 0.3280,
0.3444

■ 0.0000, 0.0000,
0.0000

196.7232, 0.3269,

0.3433

240.1846, 0.3260,
0.3424

■ 27.4060, 0.3401,
0.3566

■ 27.4060, 0.3401,
0.3566

■ 25.5308, 0.3581,
0.3734

■ 29.4153, 0.3236,
0.3403

■ 23.7823, 0.3776,
0.3902

■ 31.5586, 0.3088,
0.3248

■ 22.1581, 0.3980,
0.4064

■ 33.8402, 0.2954,
0.3103

■ 20.6538, 0.4191,
0.4211

■ 36.2633, 0.2835,
0.2968

■ 19.2652, 0.4398,
0.4332

■ 38.8310, 0.2729,
0.2843

■ 17.9873, 0.4593,
0.4417

■ 41.5462, 0.2635,
0.2729

■ 16.8145, 0.4766,
0.4458

■ 44.4116, 0.2551,
0.2624

■ 15.7381, 0.4912,
0.4453

■ 47.4300, 0.2477,
0.2528

■ 15.4533, 0.4953,
0.4449

■ 50.2183, 0.2439,
0.2499

Harmonies

Analogous

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



27.4060, 0.3465, 0.3468



27.4060, 0.3401, 0.3566



27.4060, 0.3263, 0.3591

Triad

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



27.4060, 0.3401, 0.3566



27.4060, 0.2828, 0.3239



27.4060, 0.3156, 0.3067

Complementary

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



27.4060, 0.3401, 0.3566



23.6430, 0.2861, 0.2998

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.



27.4060, 0.2986, 0.3006



27.4060, 0.3401, 0.3566



27.4060, 0.2800, 0.3100

Square

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



27.4060, 0.3401, 0.3566



27.4060, 0.2933, 0.3398



27.4060, 0.2857, 0.3016



27.4060, 0.3321, 0.3183

Rectangle

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



27.4060, 0.3401, 0.3566



27.4060, 0.3150, 0.3559



27.4060, 0.2857, 0.3016



27.4060, 0.3097, 0.3039

Sweetspot

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



27.4072, 0.3401, 0.3566



53.4690, 0.3203, 0.3369



22.9683, 0.3338, 0.3142



12.0975, 0.3213, 0.3379



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.



27.4072, 0.3401, 0.3566



47.6399, 0.3475, 0.3636



29.8301, 0.3336, 0.3711



6.8626, 0.3268, 0.3435



13.1990, 0.4947, 0.4454



0.2646, 0.4553, 0.4767

Inverse Universe

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



23.6430, 0.2861, 0.2998



39.5033, 0.2793, 0.2918



21.5574, 0.2897, 0.2844



6.3586, 0.2988, 0.3141



4.0603, 0.1653, 0.1151



0.1242, 0.1878, 0.1962

Previews

White Background



This preview shows how the Yxy color 27.4060, 0.3401, 0.3566 looks on a white background.

Color Contrast Check

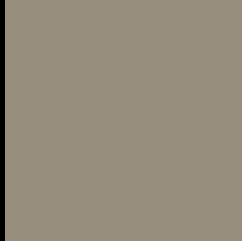
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4060, 0.3401, 0.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

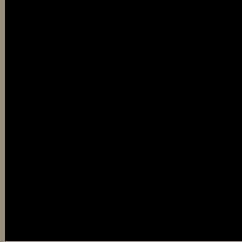
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4060, 0.3401, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 27.4060, 0.3401, 0.3566.



This preview shows how white text looks on a background with the Yxy color 27.4060, 0.3401, 0.3566.

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

27.4060, 0.3401, 0.3566

Protanopia

27.3107, 0.3389, 0.3567

Deuteranopia

27.4698, 0.3539, 0.3477



Tritanopia

27.2169, 0.3190, 0.3118

Trichromacy



Original Color

27.4060, 0.3401, 0.3566

Protanomaly

27.3107, 0.3389, 0.3567

Deuteranomaly

27.3425, 0.3490, 0.3496

Tritanomaly

27.1310, 0.3271, 0.3275

Monochromacy



Original Color

27.4060, 0.3401, 0.3566

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.5335, 0.3229, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4060, 0.3401, 0.3566 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, 142, 125)` looks like.

```
.text, #text, p{  
    color:rgb(151, 142, 125)  
}
```

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, 142, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 142, 125) }
```

Border

The CSS property to change the border of an element to Yxy 27.4060, 0.3401, 0.3566 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, 142, 125) }
```

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

```
.border{ border-color:rgb(151, 142, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 142, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 142, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 142, 125);  
box-shadow:4px 4px 4px 4px rgb(151, 142,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4060, 0.3401, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 142, 125) }
```

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

```
.background{ background-color: rgb(151,  
142, 125) }
```

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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