

Converting Colors

$Y_{xy}(27.2901, 0.3473, 0.3628)$

Have a look what the booklet for
Yxy(27.2901, 0.3473, 0.3628)
contains.

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Color

Yxy(27.1781, 0.3480, 0.3630)

Conversions

Conversions Part 1

Format	Color
Hex	998D78
RGB	153, 141, 120
RGB Percent	60%, 55%, 47%
CMY	0.3999, 0.4471, 0.5295
CMYK	0.00, 0.08, 0.22, 0.40
HSL	38°, 14%, 54%
HSV	38°, 22%, 60%
XYZ	26.0550, 27.1781, 21.6377
YIQ	142.1940, 13.8930, -3.9870

Conversions

Conversions Part 2

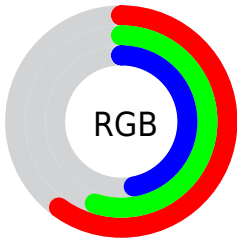
Format	Color
R_{YB}	139, 153, 120
Decimal	10063224
CIE Lab	59.14, 0.93, 12.84
CIE LCh	59, 12.872, 85.859
Yxy	27.1781, 0.3480, 0.3630
Android (android.graphics.Color)	4288253304 (0xFF998D78)
YUV	142.1940, -10.9416, 9.4769
Hunter-Lab	52.1326, -2.0207, 11.8845

Details

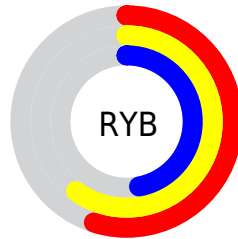
The Yxy color $27.1781, 0.3480, 0.3630$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $22.8007, 0.2790, 0.2925$, and the grayscale version is $27.1725, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.4187, 0.3410, 0.3568$, and $10.7619, 0.3620, 0.3761$ is the 20% darker color. If you saturate the color by 10%, you get $25.2348, 0.3669, 0.3795$, and if you desaturate by 10%, it is $29.2659, 0.3307, 0.3469$.

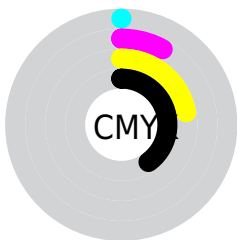
Distribution



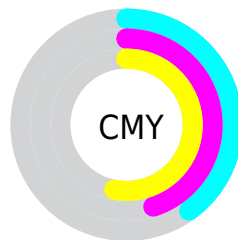
- Red (60%)
- Green (55%)
- Blue (47%)



- Red (55%)
- Yellow (60%)
- Blue (47%)



- Cyan (0%)
- Magenta (8%)
- Yellow (22%)
- Black (40%)





- Cyan (40%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1781, 0.3480, 0.3630 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 27.1781, 0.3480, 0.3630 by changing the saturation by 10% instead.


 27.1781, 0.3480,
0.3630

 27.1781, 0.3480,
0.3630


288.5184, 0.3288,
0.3446

 17.7070, 0.3534,
0.3681


 55.1695, 0.3406,
0.3559

 10.7399, 0.3607,
0.3751

 74.4587, 0.3379,
0.3534

 5.8922, 0.3711,
0.3849

 97.7893, 0.3358,
0.3513

 2.7796, 0.3871,
0.3998

125.5458, 0.3339,
0.3495

 1.0178, 0.4482,
0.4596

158.1126, 0.3323,
0.3480

 0.0000, 0.0000,
0.0000

195.8740, 0.3310,

0.3467

239.2145, 0.3298,
0.3456

■ 27.1781, 0.3480,
0.3630

■ 27.1781, 0.3480,
0.3630

■ 25.2348, 0.3669,
0.3795

■ 29.2659, 0.3307,
0.3469

■ 23.4283, 0.3872,
0.3957

■ 31.4984, 0.3151,
0.3314

■ 21.7557, 0.4085,
0.4110

■ 33.8804, 0.3010,
0.3168

■ 20.2122, 0.4302,
0.4244

■ 36.4154, 0.2885,
0.3032

■ 18.7930, 0.4512,
0.4347

■ 39.1067, 0.2774,
0.2907

■ 17.4924, 0.4707,
0.4410

■ 41.9575, 0.2676,
0.2791

■ 16.3042, 0.4876,
0.4425

■ 44.9709, 0.2588,
0.2685

■ 15.3804, 0.5002,
0.4410

■ 48.1499, 0.2511,
0.2589

■ 51.3214, 0.2455,
0.2527

Harmonies

Analogous

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



27.1781, 0.3554, 0.3500



27.1781, 0.3480, 0.3630



27.1781, 0.3311, 0.3671

Triad

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



27.1781, 0.3480, 0.3630



27.1781, 0.2759, 0.3238



27.1781, 0.3147, 0.3004

Complementary

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



27.1781, 0.3480, 0.3630



22.8007, 0.2790, 0.2925

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.



27.1781, 0.2936, 0.2934



27.1781, 0.3480, 0.3630



27.1781, 0.2718, 0.3060

Square

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



27.1781, 0.3480, 0.3630



27.1781, 0.2896, 0.3439



27.1781, 0.2781, 0.2952



27.1781, 0.3358, 0.3144

Rectangle

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



27.1781, 0.3480, 0.3630



27.1781, 0.3169, 0.3637



27.1781, 0.2781, 0.2952



27.1781, 0.3073, 0.2972

Sweetspot

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



27.1793, 0.3480, 0.3630



54.5456, 0.3219, 0.3383



21.8737, 0.3398, 0.3093



11.9930, 0.3228, 0.3392



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.



27.1793, 0.3480, 0.3630



46.9110, 0.3571, 0.3711



30.5013, 0.3396, 0.3821



6.8444, 0.3268, 0.3431



12.7716, 0.4995, 0.4416



0.2597, 0.4577, 0.4748

Inverse Universe

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



22.8007, 0.2790, 0.2925



37.6180, 0.2708, 0.2829



20.0452, 0.2823, 0.2716



6.3763, 0.2988, 0.3145



4.2748, 0.1667, 0.1200



0.1292, 0.1893, 0.2014

Previews

White Background



This preview shows how the Yxy color 27.1781, 0.3480, 0.3630 looks on a white background.

Color Contrast Check

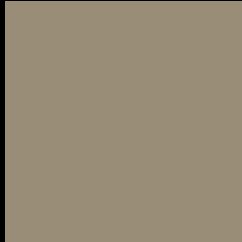
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1781, 0.3480, 0.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

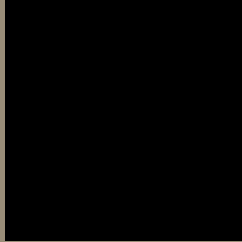
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

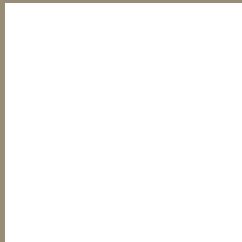
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.1781, 0.3480, 0.3630

Background



This preview shows how black text looks on a background with the Yxy color 27.1781, 0.3480, 0.3630.



This preview shows how white text looks on a background with the Yxy color 27.1781, 0.3480, 0.3630.

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

27.1781, 0.3480, 0.3630

Protanopia

27.1861, 0.3442, 0.3650

Deuteranopia

27.1643, 0.3610, 0.3540



Tritanopia

27.1975, 0.3234, 0.3120

Trichromacy



Original Color

27.1781, 0.3480, 0.3630

Protanomaly

27.2814, 0.3454, 0.3648

Deuteranomaly

27.0310, 0.3560, 0.3559

Tritanomaly

27.0799, 0.3328, 0.3291

Monochromacy



Original Color

27.1781, 0.3480, 0.3630

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.1782, 0.3251, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1781, 0.3480, 0.3630 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(153, 141, 120)` looks like.

```
.text, #text, p{  
    color:rgb(153, 141, 120)  
}
```

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(153, 141, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 141, 120) }
```

Border

The CSS property to change the border of an element to Yxy 27.1781, 0.3480, 0.3630 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(153, 141, 120) }
```

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

```
.border{ border-color:rgb(153, 141, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 141, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 141, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 141, 120);  
box-shadow:4px 4px 4px 4px rgb(153, 141,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1781, 0.3480, 0.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 141, 120) }
```

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

```
.background{ background-color: rgb(153,  
141, 120) }
```

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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