

Converting Colors

$Y_{xy}(27.1963, 0.3628, 0.3736)$

Have a look what the booklet for
Yxy(27.1963, 0.3628, 0.3736)
contains.

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Color

Yxy(27.1951, 0.3628, 0.3736)

Conversions

Conversions Part 1

Format	Color
Hex	9E8C70
RGB	158, 140, 112
RGB Percent	62%, 55%, 44%
CMY	0.3802, 0.4510, 0.5608
CMYK	0.00, 0.11, 0.29, 0.38
HSL	36°, 19%, 53%
HSV	36°, 29%, 62%
XYZ	26.4089, 27.1951, 19.1880
YIQ	142.1900, 19.7160, -4.8920

Conversions

Conversions Part 2

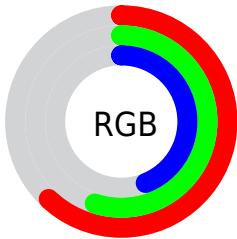
Format	Color
R_YB	142, 158, 112
Decimal	10390640
CIE _{Lab}	59.15, 2.33, 17.45
CIE _{LCh}	59, 17.602, 82.406
Yxy	27.1951, 0.3628, 0.3736
Android (android.graphics.Color)	4288580720 (0xFF9E8C70)
YUV	142.1900, -14.8837, 13.8654
Hunter-Lab	52.1489, -0.8657, 14.6887

Details

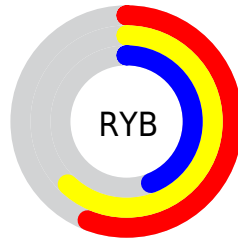
The Yxy color $27.1951, 0.3628, 0.3736$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $21.8945, 0.2665, 0.2799$, and the grayscale version is $27.1858, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.9664, 0.3521, 0.3638$, and $10.7467, 0.3808, 0.3888$ is the 20% darker color. If you saturate the color by 10%, you get $25.1147, 0.3833, 0.3894$, and if you desaturate by 10%, it is $29.4418, 0.3439, 0.3578$.

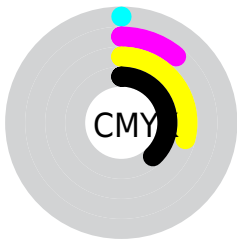
Distribution



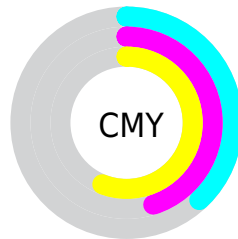
- Red (62%)
- Green (55%)
- Blue (44%)



- Red (56%)
- Yellow (62%)
- Blue (44%)



- Cyan (0%)
- Magenta (11%)
- Yellow (29%)
- Black (38%)





- Cyan (38%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.1951, 0.3628, 0.3736 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 27.1951, 0.3628, 0.3736 by changing the saturation by 10% instead.


 27.1951, 0.3628,
0.3736


 27.1951, 0.3628,
0.3736


288.6005, 0.3355,
0.3496


 17.7198, 0.3704,
0.3802


 55.1968, 0.3523,
0.3645

 10.7490, 0.3806,
0.3889


 74.4920, 0.3486,
0.3611

 5.8983, 0.3950,
0.4010

 97.8292, 0.3455,
0.3584

 2.7834, 0.4166,
0.4187

 125.5929, 0.3428,
0.3561

 1.0197, 0.5032,
0.4968

158.1675, 0.3406,
0.3541

 0.0000, 0.0000,
0.0000

195.9374, 0.3387,

0.3524

239.2869, 0.3370,
0.3509

■ 27.1951, 0.3628,
0.3736

■ 27.1951, 0.3628,
0.3736

■ 25.1147, 0.3833,
0.3894

■ 29.4418, 0.3439,
0.3578

■ 23.1919, 0.4052,
0.4044

■ 31.8556, 0.3268,
0.3424

■ 21.4227, 0.4278,
0.4178

■ 34.4422, 0.3114,
0.3278

■ 19.8016, 0.4503,
0.4284

■ 37.2058, 0.2978,
0.3140

■ 18.3222, 0.4715,
0.4352

■ 40.1503, 0.2857,
0.3013

■ 16.9776, 0.4904,
0.4372

■ 43.2797, 0.2750,
0.2895

■ 15.7550, 0.5067,
0.4349

■ 46.5976, 0.2655,
0.2787

■ 15.6528, 0.5082,
0.4347

■ 50.1077, 0.2571,
0.2688

■ 53.8133, 0.2497,
0.2598

Harmonies

Analogous

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



27.1951, 0.3714, 0.3544



27.1951, 0.3628, 0.3736



27.1951, 0.3406, 0.3816

Triad

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



27.1951, 0.3628, 0.3736



27.1951, 0.2643, 0.3246



27.1951, 0.3116, 0.2889

Complementary

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



27.1951, 0.3628, 0.3736



21.8945, 0.2665, 0.2799

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.



27.1951, 0.2836, 0.2806



27.1951, 0.3628, 0.3736



27.1951, 0.2573, 0.2995

Square

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



27.1951, 0.3628, 0.3736



27.1951, 0.2838, 0.3526



27.1951, 0.2642, 0.2840



27.1951, 0.3411, 0.3067

Rectangle

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



27.1951, 0.3628, 0.3736



27.1951, 0.3215, 0.3784



27.1951, 0.2642, 0.2840



27.1951, 0.3017, 0.2850

Sweetspot

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



27.1963, 0.3628, 0.3736



57.7973, 0.3269, 0.3425



20.4856, 0.3503, 0.2995



12.8895, 0.3291, 0.3446



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



27.1963, 0.3628, 0.3736



46.8524, 0.3761, 0.3840



32.4512, 0.3507, 0.4010



7.2833, 0.3270, 0.3426



12.6081, 0.5072, 0.4355



0.3060, 0.4645, 0.4693

Inverse Universe

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



21.8945, 0.2665, 0.2799



35.6252, 0.2554, 0.2667



17.8145, 0.2679, 0.2479



6.8406, 0.2988, 0.3150



4.8041, 0.1688, 0.1276



0.1656, 0.1904, 0.2054

Previews

White Background



This preview shows how the Yxy color 27.1951, 0.3628, 0.3736 looks on a white background.

Color Contrast Check

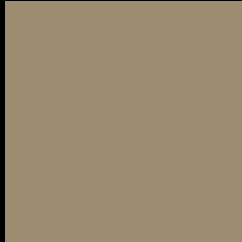
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1951, 0.3628, 0.3736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

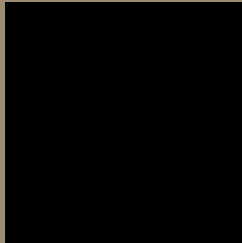
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1951, 0.3628, 0.3736

Background



This preview shows how black text looks on a background with the Yxy color 27.1951, 0.3628, 0.3736.



This preview shows how white text looks on a background with the Yxy color 27.1951, 0.3628, 0.3736.

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

27.1951, 0.3628, 0.3736

Protanopia

27.1176, 0.3528, 0.3764

Deuteranopia

27.1906, 0.3724, 0.3662



Tritanopia

27.0847, 0.3315, 0.3122

Trichromacy



Original Color

27.1951, 0.3628, 0.3736

Protanomaly

27.1120, 0.3566, 0.3743

Deuteranomaly

27.1557, 0.3684, 0.3682

Tritanomaly

27.1896, 0.3430, 0.3338

Monochromacy



Original Color

27.1951, 0.3628, 0.3736

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.9843, 0.3306, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1951, 0.3628, 0.3736 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(158, 140, 112)` looks like.

```
.text, #text, p{  
    color:rgb(158, 140, 112)  
}
```

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(158, 140, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 140, 112) }
```

Border

The CSS property to change the border of an element to Yxy 27.1951, 0.3628, 0.3736 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(158, 140, 112) }
```

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

```
.border{ border-color:rgb(158, 140, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 140, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 140, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 140, 112);  
box-shadow:4px 4px 4px 4px rgb(158, 140,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1951, 0.3628, 0.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 140, 112) }
```

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

```
.background{ background-color: rgb(158,  
140, 112) }
```

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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