

Converting Colors

$Y_{xy}(27.1277, 0.3642, 0.3576)$

Have a look what the booklet for
Yxy(27.1277, 0.3642, 0.3576)
contains.

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Color

Yxy(27.1157, 0.3633, 0.3571)

Conversions

Conversions Part 1

Format	Color
Hex	A48977
RGB	164, 137, 119
RGB Percent	64%, 54%, 47%
CMY	0.3568, 0.4627, 0.5334
CMYK	0.00, 0.16, 0.27, 0.36
HSL	24°, 20%, 55%
HSV	24°, 27%, 64%
XYZ	27.5865, 27.1157, 21.2309
YIQ	143.0210, 21.8700, 0.1260

Conversions

Conversions Part 2

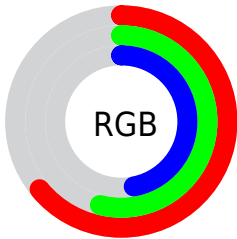
Format	Color
RYB	164, 149, 119
Decimal	10783095
CIELab	59.08, 7.42, 13.48
CIELCh	59, 15.383, 61.159
Yxy	27.1157, 0.3633, 0.3571
Android (android.graphics.Color)	4288973175 (0xFFA48977)
YUV	143.0210, -11.8424, 18.3986
Hunter-Lab	52.0727, 3.4363, 12.2774

Details

The Yxy color $27.1157, 0.3633, 0.3571$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $27.1615, 0.2707, 0.2991$, and the grayscale version is $27.5194, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.9828, 0.3532, 0.3514$, and $10.6508, 0.3804, 0.3650$ is the 20% darker color. If you saturate the color by 10%, you get $24.0849, 0.3872, 0.3679$, and if you desaturate by 10%, it is $30.4723, 0.3425, 0.3464$.

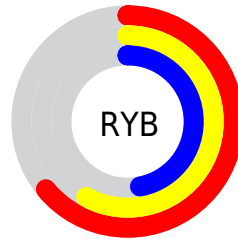
Distribution



Red (64%)

Green (54%)

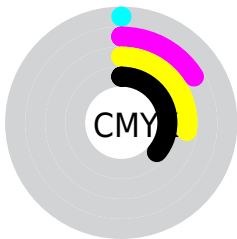
Blue (47%)



Red (64%)

Yellow (58%)

Blue (47%)

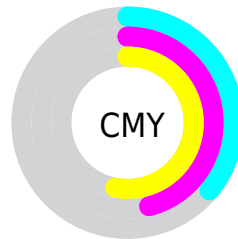


Cyan (0%)

Magenta (16%)

Yellow (27%)

Black (36%)



Cyan (36%)


Magenta (46%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1157, 0.3633, 0.3571 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 27.1157, 0.3633, 0.3571 by changing the saturation by 10% instead.


 27.1157, 0.3633,
0.3571


 27.1157, 0.3633,
0.3571


288.2169, 0.3356,
0.3422


 17.6601, 0.3711,
0.3611


 55.0695, 0.3526,
0.3515

 10.7063, 0.3818,
0.3662


 74.3365, 0.3488,
0.3495

 5.8697, 0.3971,
0.3733

 97.6427, 0.3456,
0.3478

 2.7660, 0.4207,
0.3834

125.3727, 0.3429,
0.3463

 1.0108, 0.5019,
0.4327

157.9106, 0.3407,
0.3451

 0.0000, 1.0000,
0.0000

195.6411, 0.3388,

 0.0000, 0.0000,

0.3440

0.0000

238.9484, 0.3371,
0.3431

■ 27.1157, 0.3633,
0.3571

■ 27.1157, 0.3633,
0.3571

■ 24.0849, 0.3872,
0.3679

■ 30.4723, 0.3425,
0.3464

■ 21.3657, 0.4141,
0.3782

■ 34.1606, 0.3245,
0.3362

■ 18.9486, 0.4438,
0.3872

■ 38.1912, 0.3090,
0.3266

■ 16.8220, 0.4752,
0.3938

■ 42.5731, 0.2957,
0.3177

■ 14.9733, 0.5068,
0.3969

■ 47.3148, 0.2843,
0.3095

■ 13.3888, 0.5363,
0.3953

■ 52.4246, 0.2744,
0.3020

■ 12.0510, 0.5618,
0.3889

■ 57.9106, 0.2659,
0.2951

■ 11.7437, 0.5681,
0.3871

■ 63.7805, 0.2586,
0.2889

■ 69.2716, 0.2577,
0.2954

Harmonies

Analogous

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



27.1157, 0.3605, 0.3366



27.1157, 0.3633, 0.3571



27.1157, 0.3520, 0.3714

Triad

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



27.1157, 0.3633, 0.3571



27.1157, 0.2815, 0.3427



27.1157, 0.2939, 0.2875

Complementary

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



27.1157, 0.3633, 0.3571



27.1615, 0.2707, 0.2991

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.



27.1157, 0.2741, 0.2875



27.1157, 0.3633, 0.3571



27.1157, 0.2671, 0.3183

Square

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



27.1157, 0.3633, 0.3571



27.1157, 0.3044, 0.3638



27.1157, 0.2645, 0.2983



27.1157, 0.3196, 0.2975

Rectangle

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



27.1157, 0.3633, 0.3571



27.1157, 0.3382, 0.3748



27.1157, 0.2645, 0.2983



27.1157, 0.2864, 0.2863

Sweetspot

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



27.1169, 0.3633, 0.3571



61.5073, 0.3256, 0.3369



23.1851, 0.3357, 0.2866



13.2279, 0.3281, 0.3384



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



27.1169, 0.3633, 0.3571



45.7493, 0.3777, 0.3638



33.9386, 0.3551, 0.3887



7.5293, 0.3275, 0.3380



9.0917, 0.5665, 0.3884



0.2822, 0.5036, 0.4383

Inverse Universe

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



27.1615, 0.2707, 0.2991



45.8377, 0.2613, 0.2912



21.0797, 0.2671, 0.2613



7.5335, 0.2987, 0.3198



8.9058, 0.1875, 0.1950



0.2759, 0.2025, 0.2491

Previews

White Background



This preview shows how the Yxy color 27.1157, 0.3633, 0.3571 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 27.1157, 0.3633, 0.3571 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 27.1157, 0.3633, 0.3571

Background



This preview shows how black text looks on a background with the Yxy color 27.1157, 0.3633, 0.3571.



This preview shows how white text looks on a background with the Yxy color 27.1157, 0.3633, 0.3571.

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

27.1157, 0.3633, 0.3571

Protanopia

27.2105, 0.3432, 0.3633

Deuteranopia

27.1157, 0.3633, 0.3571



Tritanopia

27.0042, 0.3397, 0.3125

Trichromacy



Original Color

27.1157, 0.3633, 0.3571

Protanomaly

27.0808, 0.3506, 0.3612

Deuteranomaly

27.1157, 0.3633, 0.3571

Tritanomaly

26.9065, 0.3485, 0.3276

Monochromacy



Original Color

27.1157, 0.3633, 0.3571

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.3503, 0.3308, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1157, 0.3633, 0.3571 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(164, 137, 119)` looks like.

```
.text, #text, p{  
    color:rgb(164, 137, 119)  
}
```

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(164, 137, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 137, 119) }
```

Border

The CSS property to change the border of an element to Yxy 27.1157, 0.3633, 0.3571 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(164, 137, 119) }
```

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

```
.border{ border-color:rgb(164, 137, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 137, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 137, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 137, 119);  
box-shadow:4px 4px 4px 4px rgb(164, 137,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1157, 0.3633, 0.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 137, 119) }
```

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

```
.background{ background-color: rgb(164,  
137, 119) }
```

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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