

Converting Colors

$Y_{xy}(27.9033, 0.3514, 0.3574)$

Have a look what the booklet for
Yxy(27.9033, 0.3514, 0.3574)
contains.

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Color

Yxy(27.8507, 0.3516, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	9F8D7B
RGB	159, 141, 123
RGB Percent	62%, 55%, 48%
CMY	0.3765, 0.4470, 0.5176
CMYK	0.00, 0.11, 0.23, 0.38
HSL	30°, 16%, 55%
HSV	30°, 23%, 62%
XYZ	27.3987, 27.8507, 22.6764
YIQ	144.3300, 16.5060, -1.7820

Conversions

Conversions Part 2

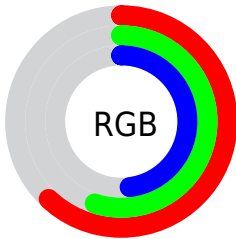
Format	Color
R_{YB}	159, 159, 123
Decimal	10456443
CIE _{Lab}	59.75, 3.77, 12.06
CIE _{LCh}	60, 12.635, 72.641
Yxy	27.8507, 0.3516, 0.3574
Android (android.graphics.Color)	4288646523 (0xFF9F8D7B)
YUV	144.3300, -10.5157, 12.8656
Hunter-Lab	52.7738, 0.3184, 11.4652

Details

The Yxy color $27.8507, 0.3516, 0.3574$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $25.7696, 0.2778, 0.2988$, and the grayscale version is $28.0691, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.4215, 0.3437, 0.3527$, and $11.1024, 0.3658, 0.3678$ is the 20% darker color. If you saturate the color by 10%, you get $25.2237, 0.3725, 0.3707$, and if you desaturate by 10%, it is $30.7133, 0.3330, 0.3445$.

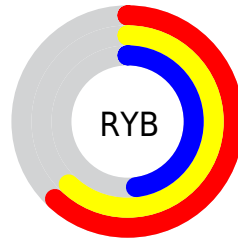
Distribution



Red (62%)

Green (55%)

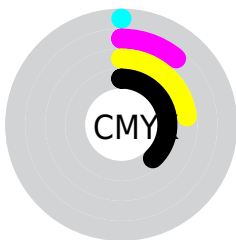
Blue (48%)



Red (62%)

Yellow (62%)

Blue (48%)

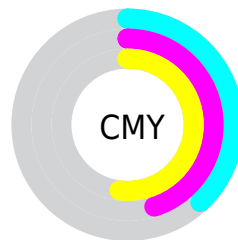


Cyan (0%)

Magenta (11%)

Yellow (23%)

Black (38%)



Cyan (38%)


Magenta (45%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8507, 0.3516, 0.3574 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 27.8507, 0.3516, 0.3574 by changing the saturation by 10% instead.


 27.8507, 0.3516,
0.3574

 27.8507, 0.3516,
0.3574


291.7528, 0.3304,
0.3422


 18.2131, 0.3575,
0.3615


 56.2460, 0.3434,
0.3516

 11.1031, 0.3656,
0.3671


 75.7725, 0.3405,
0.3495

 6.1362, 0.3771,
0.3748


 99.3641, 0.3381,
0.3478

 2.9281, 0.3948,
0.3863

127.4053, 0.3361,
0.3463

 1.0943, 0.4462,
0.4247

160.2803, 0.3344,
0.3451

 0.0000, 1.0000,
0.0000

198.3737, 0.3329,

 0.0000, 0.0000,

0.3440

0.0000

242.0697, 0.3316,
0.3430

■ 27.8507, 0.3516,
0.3574

■ 27.8507, 0.3516,
0.3574

■ 25.2237, 0.3725,
0.3707

■ 30.7133, 0.3330,
0.3445

■ 22.8219, 0.3958,
0.3837

■ 33.8141, 0.3167,
0.3321

■ 20.6397, 0.4211,
0.3959

■ 37.1603, 0.3024,
0.3206

■ 18.6694, 0.4478,
0.4061

■ 40.7578, 0.2899,
0.3098

■ 16.9031, 0.4748,
0.4133

■ 44.6122, 0.2790,
0.3000

■ 15.3321, 0.5007,
0.4162

■ 48.7287, 0.2695,
0.2909

■ 13.9466, 0.5236,
0.4140

■ 53.1127, 0.2612,
0.2826

■ 13.0313, 0.5391,
0.4102

■ 57.7692, 0.2539,
0.2750

■ 61.9662, 0.2528,
0.2796

Harmonies

Analogous

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



27.8507, 0.3538, 0.3422



27.8507, 0.3516, 0.3574



27.8507, 0.3387, 0.3656

Triad

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



27.8507, 0.3516, 0.3574



27.8507, 0.2817, 0.3326



27.8507, 0.3052, 0.2971

Complementary

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



27.8507, 0.3516, 0.3574



25.7696, 0.2778, 0.2988

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.



27.8507, 0.2865, 0.2939



27.8507, 0.3516, 0.3574



27.8507, 0.2733, 0.3136

Square

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



27.8507, 0.3516, 0.3574



27.8507, 0.2983, 0.3513



27.8507, 0.2751, 0.2997



27.8507, 0.3265, 0.3081

Rectangle

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



27.8507, 0.3516, 0.3574



27.8507, 0.3261, 0.3655



27.8507, 0.2751, 0.2997



27.8507, 0.2984, 0.2951

Sweetspot

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



27.8520, 0.3516, 0.3574



58.0040, 0.3238, 0.3376



23.4827, 0.3350, 0.2999



13.0089, 0.3246, 0.3383



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.



27.8520, 0.3516, 0.3574



47.5307, 0.3615, 0.3639



33.3914, 0.3461, 0.3831



7.1664, 0.3272, 0.3402



10.3763, 0.5378, 0.4112



0.2701, 0.4812, 0.4561

Inverse Universe

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



25.7696, 0.2778, 0.2988



43.1515, 0.2700, 0.2914



21.0354, 0.2756, 0.2685



6.9559, 0.2988, 0.3175



6.5376, 0.1781, 0.1612



0.2015, 0.1980, 0.2327

Previews

White Background



This preview shows how the Yxy color 27.8507, 0.3516, 0.3574 looks on a white background.

Color Contrast Check

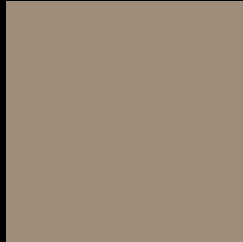
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8507, 0.3516, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

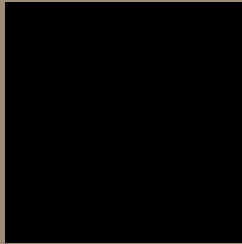
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

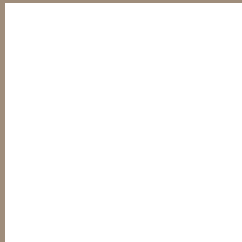
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.8507, 0.3516, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 27.8507, 0.3516, 0.3574.



This preview shows how white text looks on a background with the Yxy color 27.8507, 0.3516, 0.3574.

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

27.8507, 0.3516, 0.3574

Protanopia

27.9811, 0.3406, 0.3614

Deuteranopia

27.8946, 0.3592, 0.3538



Tritanopia

27.7108, 0.3290, 0.3123

Trichromacy



Original Color

27.8507, 0.3516, 0.3574

Protanomaly

27.9702, 0.3442, 0.3595

Deuteranomaly

27.9728, 0.3566, 0.3555

Tritanomaly

27.6181, 0.3374, 0.3275

Monochromacy



Original Color

27.8507, 0.3516, 0.3574

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.8121, 0.3262, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8507, 0.3516, 0.3574 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(159, 141, 123)` looks like.

```
.text, #text, p{  
    color:rgb(159, 141, 123)  
}
```

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(159, 141, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 141, 123) }
```

Border

The CSS property to change the border of an element to Yxy 27.8507, 0.3516, 0.3574 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(159, 141, 123) }
```

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

```
.border{ border-color:rgb(159, 141, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 141, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 141, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 141, 123);  
box-shadow:4px 4px 4px 4px rgb(159, 141,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8507, 0.3516, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 141, 123) }
```

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

```
.background{ background-color: rgb(159,  
141, 123) }
```

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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