

Converting Colors

$Y_{xy}(27.8126, 0.3503, 0.3444)$

Have a look what the booklet for
Yxy(27.8126, 0.3503, 0.3444)
contains.

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Color

Yxy(27.8367, 0.3503, 0.3446)

Conversions

Conversions Part 1

Format	Color
Hex	A38B81
RGB	163, 139, 129
RGB Percent	64%, 55%, 51%
CMY	0.3608, 0.4549, 0.4942
CMYK	0.00, 0.15, 0.21, 0.36
HSL	18°, 16%, 57%
HSV	18°, 21%, 64%
XYZ	28.2971, 27.8367, 24.6459
YIQ	145.0360, 17.5140, 1.9780

Conversions

Conversions Part 2

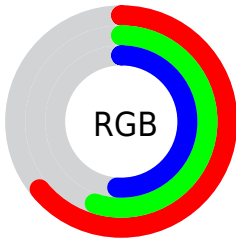
Format	Color
R_{YB}	163, 143, 129
Decimal	10718081
CIE Lab	59.74, 7.40, 8.70
CIE LCh	60, 11.419, 49.634
Yxy	27.8367, 0.3503, 0.3446
Android (android.graphics.Color)	4288908161 (0xFFA38B81)
YUV	145.0360, -7.9057, 15.7544
Hunter-Lab	52.7605, 3.4044, 9.2363

Details

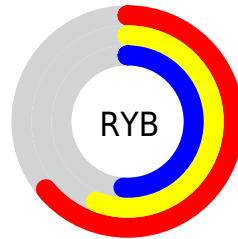
The Yxy color $27.8367, 0.3503, 0.3446$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $30.0829, 0.2813, 0.3128$, and the grayscale version is $28.3581, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.9821, 0.3421, 0.3408$, and $11.1035, 0.3640, 0.3491$ is the 20% darker color. If you saturate the color by 10%, you get $24.2824, 0.3735, 0.3526$, and if you desaturate by 10%, it is $31.8128, 0.3306, 0.3369$.

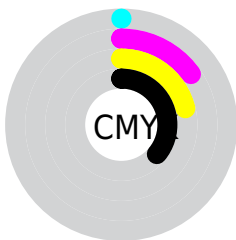
Distribution



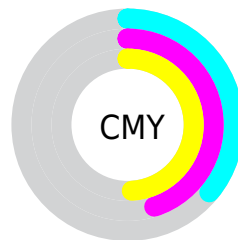
- Red (64%)
- Green (55%)
- Blue (51%)



- Red (64%)
- Yellow (56%)
- Blue (51%)



- Cyan (0%)
- Magenta (15%)
- Yellow (21%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8367, 0.3503, 0.3446 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 27.8367, 0.3503, 0.3446 by changing the saturation by 10% instead.


 27.8367, 0.3503,
0.3446

 27.8367, 0.3503,
0.3446


291.6858, 0.3298,
0.3364


 18.2026, 0.3561,
0.3468


 56.2236, 0.3424,
0.3415

 11.0955, 0.3640,
0.3496


 75.7452, 0.3395,
0.3404

 6.1311, 0.3753,
0.3536

 99.3315, 0.3372,
0.3395

 2.9250, 0.3930,
0.3592

127.3667, 0.3352,
0.3387

 1.0927, 0.4318,
0.3743

160.2354, 0.3336,
0.3380

 0.0000, 1.0000,
0.0000

198.3218, 0.3321,

 0.0000, 0.0000,

0.3374

0.0000

242.0105, 0.3309,
0.3369

■ 27.8367, 0.3503,
0.3446

■ 27.8367, 0.3503,
0.3446

■ 24.2824, 0.3735,
0.3526

■ 31.8128, 0.3306,
0.3369

■ 21.1320, 0.4006,
0.3605

■ 36.2202, 0.3140,
0.3296

■ 18.3720, 0.4316,
0.3678

■ 41.0730, 0.3000,
0.3229

■ 15.9866, 0.4661,
0.3737

■ 46.3833, 0.2882,
0.3167

■ 13.9587, 0.5026,
0.3770

■ 52.1629, 0.2781,
0.3110

■ 12.2701, 0.5387,
0.3768

■ 58.4231, 0.2696,
0.3059

■ 10.9005, 0.5709,
0.3720

■ 65.1747, 0.2623,
0.3012

■ 9.9022, 0.5958,
0.3651

■ 72.1431, 0.2581,
0.3017

■ 78.7901, 0.2599,
0.3149

Harmonies

Analogous

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



27.8367, 0.3442, 0.3286



27.8367, 0.3503, 0.3446



27.8367, 0.3459, 0.3572

Triad

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



27.8367, 0.3503, 0.3446



27.8367, 0.2957, 0.3456



27.8367, 0.2925, 0.2972

Complementary

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



27.8367, 0.3503, 0.3446



30.0829, 0.2813, 0.3128

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.



27.8367, 0.2803, 0.3005



27.8367, 0.3503, 0.3446



27.8367, 0.2821, 0.3282

Square

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



27.8367, 0.3503, 0.3446



27.8367, 0.3141, 0.3583



27.8367, 0.2765, 0.3117



27.8367, 0.3104, 0.3018

Rectangle

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



27.8367, 0.3503, 0.3446



27.8367, 0.3378, 0.3617



27.8367, 0.2765, 0.3117



27.8367, 0.2876, 0.2974

Sweetspot

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



27.8380, 0.3503, 0.3446



60.6335, 0.3224, 0.3334



25.7946, 0.3254, 0.2922



13.5103, 0.3234, 0.3338



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.



27.8380, 0.3503, 0.3446



46.8393, 0.3605, 0.3483



33.0210, 0.3454, 0.3693



7.4104, 0.3278, 0.3357



7.7674, 0.5942, 0.3664



0.2414, 0.5276, 0.4192

Inverse Universe

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



30.0829, 0.2813, 0.3128



51.5853, 0.2744, 0.3089



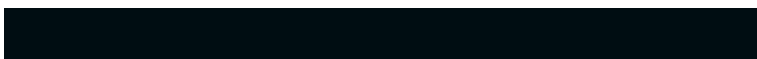
25.0187, 0.2795, 0.2852



7.6570, 0.2987, 0.3222



11.6595, 0.1978, 0.2320



0.3207, 0.2087, 0.2713

Previews

White Background



This preview shows how the Yxy color 27.8367, 0.3503, 0.3446 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 27.8367, 0.3503, 0.3446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

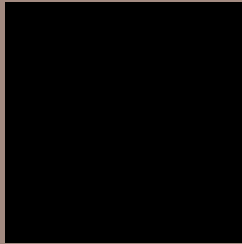
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8367, 0.3503, 0.3446

Background



This preview shows how black text looks on a background with the Yxy color 27.8367, 0.3503, 0.3446.



This preview shows how white text looks on a background with the Yxy color 27.8367, 0.3503, 0.3446.

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

27.8367, 0.3503, 0.3446

Protanopia

28.0692, 0.3323, 0.3500

Deuteranopia

27.8367, 0.3503, 0.3446



Tritanopia

27.7142, 0.3336, 0.3125

Trichromacy



Original Color

27.8367, 0.3503, 0.3446

Protanomaly

27.9263, 0.3393, 0.3481

Deuteranomaly

27.8367, 0.3503, 0.3446

Tritanomaly

27.6773, 0.3399, 0.3245

Monochromacy



Original Color

27.8367, 0.3503, 0.3446

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.1844, 0.3264, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8367, 0.3503, 0.3446 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(163, 139, 129)` looks like.

```
.text, #text, p{  
    color:rgb(163, 139, 129)  
}
```

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(163, 139, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 139, 129) }
```

Border

The CSS property to change the border of an element to Yxy 27.8367, 0.3503, 0.3446 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(163, 139, 129) }
```

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

```
.border{ border-color:rgb(163, 139, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 139, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 139, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 139, 129); box-shadow:4px 4px 4px 4px rgb(163, 139, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8367, 0.3503, 0.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 139, 129) }
```

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

```
.background{ background-color: rgb(163,  
139, 129) }
```

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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