

Converting Colors

$Y_{xy}(27.6748, 0.3455, 0.3354)$

Have a look what the booklet for
Yxy(27.6748, 0.3455, 0.3354)
contains.

Yxy(27.6847, 0.3451, 0.3353)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.6847, 0.3451, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	A38A86
RGB	163, 138, 134
RGB Percent	64%, 54%, 53%
CMY	0.3608, 0.4588, 0.4746
CMYK	0.00, 0.15, 0.18, 0.36
HSL	8°, 14%, 58%
HSV	8°, 18%, 64%
XYZ	28.4939, 27.6847, 26.3884
YIQ	145.0190, 16.1840, 4.0560

Conversions

Conversions Part 2

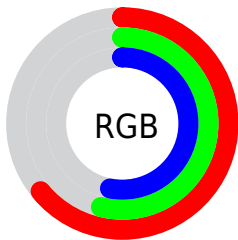
Format	Color
R _Y B	163, 139, 134
Decimal	10717830
CIE Lab	59.60, 8.76, 5.66
CIE LCh	60, 10.429, 32.835
Yxy	27.6847, 0.3451, 0.3353
Android (android.graphics.Color)	4288907910 (0xFFA38A86)
YUV	145.0190, -5.4324, 15.7693
Hunter-Lab	52.6163, 4.5866, 7.0959

Details

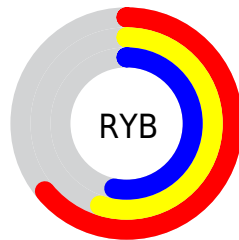
The Yxy color $27.6847, 0.3451, 0.3353$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $32.4959, 0.2862, 0.3226$, and the grayscale version is $28.3410, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.7549, 0.3383, 0.3337$, and $10.9990, 0.3579, 0.3380$ is the 20% darker color. If you saturate the color by 10%, you get $23.4945, 0.3689, 0.3391$, and if you desaturate by 10%, it is $32.4681, 0.3255, 0.3317$.

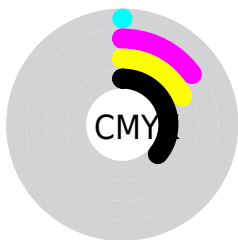
Distribution



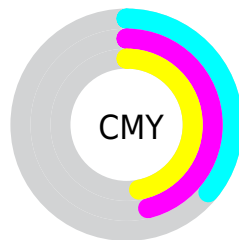
- Red (64%)
- Green (54%)
- Blue (53%)



- Red (64%)
- Yellow (55%)
- Blue (53%)



- Cyan (0%)
- Magenta (15%)
- Yellow (18%)
- Black (36%)




- Cyan (36%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6847, 0.3451, 0.3353 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 27.6847, 0.3451, 0.3353 by changing the saturation by 10% instead.


 27.6847, 0.3451,
0.3353


 27.6847, 0.3451,
0.3353


290.9572, 0.3274,
0.3321


 18.0881, 0.3501,
0.3361


 55.9807, 0.3383,
0.3341

 11.0133, 0.3569,
0.3372


 75.4488, 0.3358,
0.3337

 6.0758, 0.3668,
0.3386

 98.9763, 0.3338,
0.3333

 2.8912, 0.3822,
0.3404

126.9475, 0.3321,
0.3330

 1.0752, 0.4116,
0.3443

159.7468, 0.3307,
0.3327

 0.0000, 1.0000,
0.0000

197.7586, 0.3294,

 0.0000, 0.0000,

0.3325

0.0000

241.3672, 0.3284,
0.3323

■ 27.6847, 0.3451,
0.3353

■ 27.6847, 0.3451,
0.3353

■ 23.4945, 0.3689,
0.3391

■ 32.4681, 0.3255,
0.3317

■ 19.8708, 0.3976,
0.3429

■ 37.8626, 0.3094,
0.3283

■ 16.7903, 0.4317,
0.3465

■ 43.8902, 0.2962,
0.3252

■ 14.2266, 0.4708,
0.3493

■ 50.5705, 0.2853,
0.3224

■ 12.1513, 0.5134,
0.3506

■ 57.9223, 0.2763,
0.3198

■ 10.5331, 0.5559,
0.3499

■ 65.9637, 0.2687,
0.3175

■ 9.3370, 0.5933,
0.3467

■ 74.7120, 0.2623,
0.3154

■ 8.5201, 0.6210,
0.3417

■ 83.5652, 0.2612,
0.3237

■ 8.3842, 0.6263,
0.3409

■ 86.5261, 0.2619,
0.3289

Harmonies

Analogous

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



27.6847, 0.3347, 0.3205



27.6847, 0.3451, 0.3353



27.6847, 0.3465, 0.3490

Triad

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



27.6847, 0.3451, 0.3353



27.6847, 0.3063, 0.3514



27.6847, 0.2871, 0.3006

Complementary

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



27.6847, 0.3451, 0.3353



32.4959, 0.2862, 0.3226

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.



27.6847, 0.2800, 0.3079



27.6847, 0.3451, 0.3353



27.6847, 0.2909, 0.3374

Square

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



27.6847, 0.3451, 0.3353



27.6847, 0.3238, 0.3590



27.6847, 0.2814, 0.3213



27.6847, 0.3011, 0.3008

Rectangle

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



27.6847, 0.3451, 0.3353



27.6847, 0.3421, 0.3557



27.6847, 0.2814, 0.3213



27.6847, 0.2839, 0.3023

Sweetspot

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



27.6859, 0.3451, 0.3353



60.6586, 0.3208, 0.3307



27.3383, 0.3187, 0.2915



13.4829, 0.3220, 0.3310



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.



27.6859, 0.3451, 0.3353



46.7733, 0.3531, 0.3367



32.0791, 0.3414, 0.3569



7.2372, 0.3282, 0.3322



6.5582, 0.6251, 0.3419



0.1810, 0.5759, 0.3809

Inverse Universe

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



32.4959, 0.2862, 0.3226



56.8660, 0.2811, 0.3212



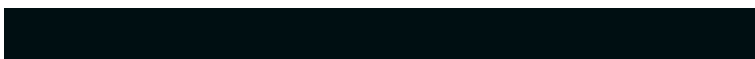
27.8454, 0.2851, 0.2995



7.8428, 0.2988, 0.3258



16.7660, 0.2126, 0.2853



0.3954, 0.2174, 0.3026

Previews

White Background



This preview shows how the Yxy color 27.6847, 0.3451, 0.3353 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 27.6847, 0.3451, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

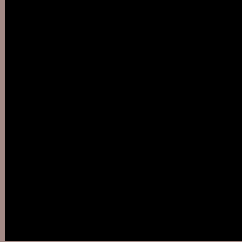
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6847, 0.3451, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 27.6847, 0.3451, 0.3353.



This preview shows how white text looks on a background with the Yxy color 27.6847, 0.3451, 0.3353.

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

27.6847, 0.3451, 0.3353

Protanopia

27.7470, 0.3241, 0.3387

Deuteranopia

27.7635, 0.3425, 0.3368



Tritanopia

27.7142, 0.3336, 0.3125

Trichromacy



Original Color

27.6847, 0.3451, 0.3353

Protanomaly

27.5996, 0.3310, 0.3370

Deuteranomaly

27.8679, 0.3437, 0.3368

Tritanomaly

27.7368, 0.3377, 0.3215

Monochromacy



Original Color

27.6847, 0.3451, 0.3353

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.9445, 0.3245, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6847, 0.3451, 0.3353 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, 138, 134)` looks like.

```
.text, #text, p{  
    color:rgb(163, 138, 134)  
}
```

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, 138, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 138, 134) }
```

Border

The CSS property to change the border of an element to Yxy 27.6847, 0.3451, 0.3353 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, 138, 134) }
```

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

```
.border{ border-color:rgb(163, 138, 134) }
```

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

Here you see how a box with a 4 pixel rgb(163, 138, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 138, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 138, 134);  
box-shadow:4px 4px 4px 4px rgb(163, 138,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6847, 0.3451, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 138, 134) }
```

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

```
.background{ background-color: rgb(163,  
138, 134) }
```

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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