

Converting Colors

$Y_{xy}(27.8657, 0.3252, 0.3177)$

Have a look what the booklet for
Yxy(27.8657, 0.3252, 0.3177)
contains.

Yxy(27.8409, 0.3253, 0.3167)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.8409, 0.3253, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	9E8B93
RGB	158, 139, 147
RGB Percent	62%, 55%, 58%
CMY	0.3805, 0.4549, 0.4235
CMYK	0.00, 0.12, 0.07, 0.38
HSL	335°, 9%, 58%
HSV	335°, 12%, 62%
XYZ	28.5969, 27.8409, 31.4716
YIQ	145.5930, 8.7560, 6.5160

Conversions

Conversions Part 2

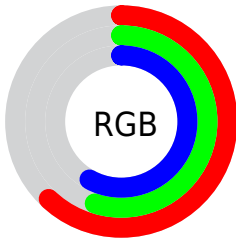
Format	Color
R _Y B	158, 139, 147
Decimal	10390419
CIE Lab	59.74, 8.55, -1.64
CIE LCh	60, 8.710, 349.137
Yxy	27.8409, 0.3253, 0.3167
Android (android.graphics.Color)	4288580499 (0xFF9E8B93)
YUV	145.5930, 0.6937, 10.8809
Hunter-Lab	52.7645, 4.4043, 1.5714

Details

The Yxy color $27.8409, 0.3253, 0.3167$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $32.1387, 0.3016, 0.3416$, and the grayscale version is $28.5637, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.5031, 0.3229, 0.3197$, and $11.1336, 0.3298, 0.3113$ is the 20% darker color. If you saturate the color by 10%, you get $23.3168, 0.3382, 0.3059$, and if you desaturate by 10%, it is $33.0514, 0.3146, 0.3270$.

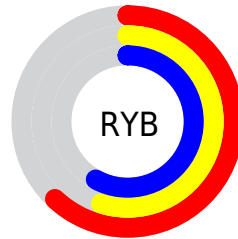
Distribution



Red (62%)

Green (55%)

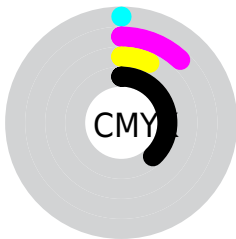
Blue (58%)



Red (62%)

Yellow (55%)

Blue (58%)

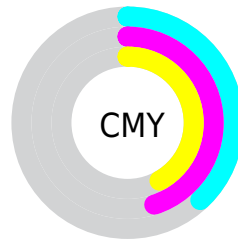


Cyan (0%)

Magenta (12%)

Yellow (7%)

Black (38%)



Cyan (38%)


Magenta (45%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8409, 0.3253, 0.3167 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 27.8409, 0.3253, 0.3167 by changing the saturation by 10% instead.

 27.8409, 0.3253,
0.3167


 27.8409, 0.3253,
0.3167


291.7059, 0.3185,
0.3233


 18.2058, 0.3272,
0.3149


 56.2303, 0.3227,
0.3192

 11.0978, 0.3298,
0.3124


 75.7534, 0.3218,
0.3202

 6.1327, 0.3334,
0.3088


 99.3413, 0.3210,
0.3209

 2.9259, 0.3391,
0.3034

127.3783, 0.3203,
0.3215

 1.0932, 0.3491,
0.2940

160.2489, 0.3198,
0.3221

 0.0000, 0.6842,
0.0000

198.3374, 0.3193,

 0.0000, 0.0000,

0.3226

0.0000

242.0283, 0.3189,
0.3230

■ 27.8409, 0.3253,
0.3167

■ 27.8409, 0.3253,
0.3167

■ 23.3168, 0.3382,
0.3059

■ 33.0514, 0.3146,
0.3270

■ 19.4467, 0.3538,
0.2947

■ 38.9717, 0.3058,
0.3366

■ 16.2010, 0.3723,
0.2837

■ 45.6285, 0.2986,
0.3456

■ 13.5464, 0.3939,
0.2736

■ 53.0461, 0.2926,
0.3537

■ 11.4464, 0.4188,
0.2652

■ 61.2478, 0.2876,
0.3612

■ 9.8605, 0.4462,
0.2597

■ 70.2557, 0.2835,
0.3681

■ 8.7427, 0.4751,
0.2583

■ 80.0911, 0.2801,
0.3744

■ 8.0382, 0.5039,
0.2618

■ 83.9617, 0.2761,
0.3691

■ 7.6673, 0.5262,
0.2672

■ 84.4598, 0.2716,
0.3582

Harmonies

Analogous

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



27.8409, 0.3108, 0.3080



27.8409, 0.3253, 0.3167



27.8409, 0.3366, 0.3286

Triad

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



27.8409, 0.3253, 0.3167



27.8409, 0.3281, 0.3544



27.8409, 0.2850, 0.3161

Complementary

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



27.8409, 0.3253, 0.3167



32.1387, 0.3016, 0.3416

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.



27.8409, 0.2894, 0.3287



27.8409, 0.3253, 0.3167



27.8409, 0.3141, 0.3513

Square

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



27.8409, 0.3253, 0.3167



27.8409, 0.3381, 0.3505



27.8409, 0.3000, 0.3418



27.8409, 0.2878, 0.3074

Rectangle

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



27.8409, 0.3253, 0.3167



27.8409, 0.3406, 0.3370



27.8409, 0.3000, 0.3418



27.8409, 0.2857, 0.3200

Sweetspot

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



27.8421, 0.3253, 0.3167



57.9740, 0.3167, 0.3249



27.3975, 0.3054, 0.2995



12.9109, 0.3174, 0.3242



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.



27.8421, 0.3253, 0.3167



48.6053, 0.3280, 0.3143



27.9682, 0.3335, 0.3310



6.6902, 0.3221, 0.3196



6.1499, 0.5241, 0.2661



0.1182, 0.4306, 0.2146

Inverse Universe

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



27.8421, 0.3253, 0.3167



48.6053, 0.3280, 0.3143



31.9759, 0.2948, 0.3270



6.6902, 0.3221, 0.3196



6.1499, 0.5241, 0.2661



0.1182, 0.4306, 0.2146

Previews

White Background



This preview shows how the Yxy color 27.8409, 0.3253, 0.3167 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 27.8409, 0.3253, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

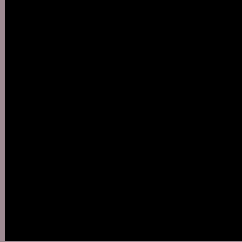
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8409, 0.3253, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 27.8409, 0.3253, 0.3167.



This preview shows how white text looks on a background with the Yxy color 27.8409, 0.3253, 0.3167.

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

27.8409, 0.3253, 0.3167

Protanopia

27.8346, 0.3090, 0.3194

Deuteranopia

28.0308, 0.3241, 0.3182



Tritanopia

27.9043, 0.3232, 0.3136

Trichromacy



Original Color

27.8409, 0.3253, 0.3167

Protanomaly

27.9682, 0.3153, 0.3195

Deuteranomaly

28.0308, 0.3241, 0.3182

Tritanomaly

27.8725, 0.3243, 0.3152

Monochromacy



Original Color

27.8409, 0.3253, 0.3167

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.2043, 0.3172, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8409, 0.3253, 0.3167 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, 139, 147)` looks like.

```
.text, #text, p{  
    color:rgb(158, 139, 147)  
}
```

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, 139, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 139, 147) }
```

Border

The CSS property to change the border of an element to Yxy 27.8409, 0.3253, 0.3167 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, 139, 147) }
```

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

```
.border{ border-color:rgb(158, 139, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 139, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 139, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 139, 147);  
box-shadow:4px 4px 4px 4px rgb(158, 139,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8409, 0.3253, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 139, 147) }
```

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

```
.background{ background-color: rgb(158,  
139, 147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor