

Converting Colors

$Y_{xy}(27.7943, 0.3255, 0.3227)$

Have a look what the booklet for
Yxy(27.7943, 0.3255, 0.3227)
contains.

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Color

Yxy(27.8377, 0.3261, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	9C8C90
RGB	156, 140, 144
RGB Percent	61%, 55%, 56%
CMY	0.3882, 0.4510, 0.4353
CMYK	0.00, 0.10, 0.08, 0.39
HSL	345°, 7%, 58%
HSV	345°, 10%, 61%
XYZ	28.1223, 27.8377, 30.2782
YIQ	145.2400, 8.2520, 4.6360

Conversions

Conversions Part 2

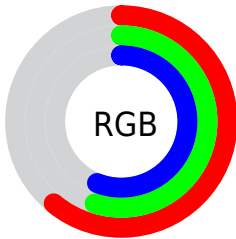
Format	Color
R _Y B	156, 140, 144
Decimal	10259600
CIE Lab	59.74, 6.70, 0.05
CIE LCh	60, 6.703, 0.396
Yxy	27.8377, 0.3261, 0.3228
Android (android.graphics.Color)	4288449680 (0xFF9C8C90)
YUV	145.2400, -0.6113, 9.4365
Hunter-Lab	52.7614, 2.8094, 2.9082

Details

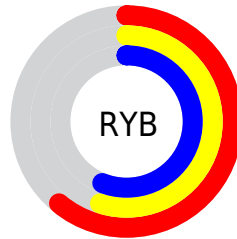
The Yxy color $27.8377, 0.3261, 0.3228$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.6190, 0.3009, 0.3353$, and the grayscale version is $28.4186, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.5097, 0.3234, 0.3244$, and $11.1237, 0.3309, 0.3200$ is the 20% darker color. If you saturate the color by 10%, you get $23.2590, 0.3422, 0.3164$, and if you desaturate by 10%, it is $33.1022, 0.3130, 0.3289$.

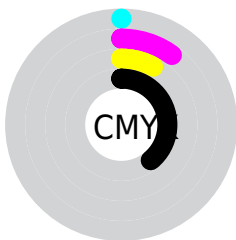
Distribution



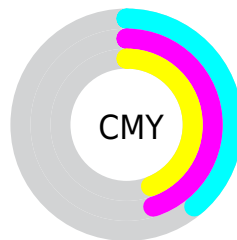
- Red (61%)
- Green (55%)
- Blue (56%)



- Red (61%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (39%)




- Cyan (39%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8377, 0.3261, 0.3228 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 27.8377, 0.3261, 0.3228 by changing the saturation by 10% instead.


 27.8377, 0.3261,
0.3228

 27.8377, 0.3261,
0.3228


291.6906, 0.3188,
0.3262


 18.2034, 0.3281,
0.3219


 56.2252, 0.3233,
0.3241

 11.0961, 0.3309,
0.3206


 75.7472, 0.3223,
0.3246

 6.1315, 0.3349,
0.3187

 99.3338, 0.3215,
0.3250

 2.9252, 0.3411,
0.3158

127.3695, 0.3208,
0.3253

 1.0928, 0.3521,
0.3107

160.2386, 0.3202,
0.3256

 0.0000, 1.0000,
0.0000

198.3255, 0.3197,

 0.0000, 0.0000,

0.3258

0.0000

242.0147, 0.3192,
0.3260

■ 27.8377, 0.3261,
0.3228

■ 27.8377, 0.3261,
0.3228

■ 23.2590, 0.3422,
0.3164

■ 33.1022, 0.3130,
0.3289

■ 19.3343, 0.3618,
0.3097

■ 39.0755, 0.3023,
0.3345

■ 16.0347, 0.3856,
0.3031

■ 45.7838, 0.2936,
0.3396

■ 13.3276, 0.4141,
0.2971

■ 53.2510, 0.2865,
0.3443

■ 11.1777, 0.4471,
0.2924

■ 61.4999, 0.2805,
0.3485

■ 9.5455, 0.4839,
0.2899

■ 70.5524, 0.2756,
0.3524

■ 8.3867, 0.5222,
0.2907

■ 80.4294, 0.2716,
0.3560

■ 7.6492, 0.5587,
0.2954

■ 84.7364, 0.2667,
0.3486

■ 7.2144, 0.5899,
0.3023

■ 85.4449, 0.2613,
0.3352

Harmonies

Analogous

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



27.8377, 0.3156, 0.3149



27.8377, 0.3261, 0.3228



27.8377, 0.3331, 0.3324

Triad

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



27.8377, 0.3261, 0.3228



27.8377, 0.3208, 0.3482



27.8377, 0.2914, 0.3162

Complementary

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



27.8377, 0.3261, 0.3228



31.6190, 0.3009, 0.3353

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.



27.8377, 0.2928, 0.3250



27.8377, 0.3261, 0.3228



27.8377, 0.3096, 0.3438

Square

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



27.8377, 0.3261, 0.3228



27.8377, 0.3299, 0.3473



27.8377, 0.2994, 0.3352



27.8377, 0.2957, 0.3109

Rectangle

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



27.8377, 0.3261, 0.3228



27.8377, 0.3347, 0.3386



27.8377, 0.2994, 0.3352



27.8377, 0.2913, 0.3188

Sweetspot

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



27.8389, 0.3261, 0.3228



57.3133, 0.3164, 0.3272



27.8073, 0.3093, 0.3042



12.4449, 0.3174, 0.3267



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



27.8389, 0.3261, 0.3228



48.8164, 0.3290, 0.3216



28.8280, 0.3296, 0.3349



6.6720, 0.3247, 0.3234



5.9475, 0.5881, 0.3013



0.1125, 0.4896, 0.2471

Inverse Universe

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



27.8389, 0.3261, 0.3228



48.8164, 0.3290, 0.3216



30.5190, 0.2973, 0.3231



6.6720, 0.3247, 0.3234



5.9475, 0.5881, 0.3013



0.1125, 0.4896, 0.2471

Previews

White Background



This preview shows how the Yxy color 27.8377, 0.3261, 0.3228 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 27.8377, 0.3261, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

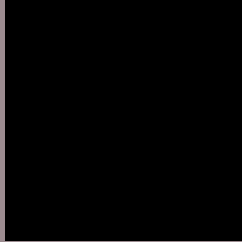
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8377, 0.3261, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 27.8377, 0.3261, 0.3228.



This preview shows how white text looks on a background with the Yxy color 27.8377, 0.3261, 0.3228.

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

27.8377, 0.3261, 0.3228

Protanopia

27.8312, 0.3129, 0.3242

Deuteranopia

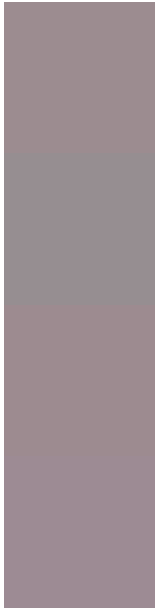
27.7480, 0.3285, 0.3213



Tritanopia

27.8353, 0.3211, 0.3121

Trichromacy



Original Color

27.8377, 0.3261, 0.3228

Protanomaly

27.8744, 0.3183, 0.3243

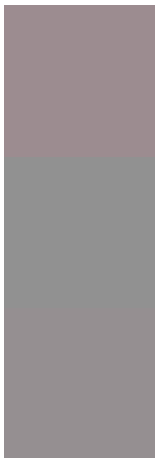
Deuteranomaly

27.6470, 0.3274, 0.3213

Tritanomaly

27.7715, 0.3232, 0.3151

Monochromacy



Original Color

27.8377, 0.3261, 0.3228

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.0788, 0.3171, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8377, 0.3261, 0.3228 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(156, 140, 144)` looks like.

```
.text, #text, p{  
    color:rgb(156, 140, 144)  
}
```

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(156, 140, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 140, 144) }
```

Border

The CSS property to change the border of an element to Yxy 27.8377, 0.3261, 0.3228 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(156, 140, 144) }
```

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

```
.border{ border-color:rgb(156, 140, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 140, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 140, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 140, 144);  
box-shadow:4px 4px 4px 4px rgb(156, 140,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8377, 0.3261, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 140, 144) }
```

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

```
.background{ background-color: rgb(156,  
140, 144) }
```

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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